UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

LR-8J

MAY 01 2012

CERTIFIED MAIL# 7009 1680 0000 7666 0600
RETURN RECEIPT REQUESTED

A.O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, Ohio 45371

Re: Section 9005 Information Request for BUSTR Incident Number 5581172-00 at the A.O. Smith Electrical Products Company facility, 531 N. Fourth Street, Tipp City, Ohio

Dear A.O. Smith Electrical Products Company:

This is a request for information concerning leaking underground storage tank(s) (LUSTs) previously located at the above-referenced facility. A review of Ohio Bureau of Underground Storage Tank Regulations and U.S. Environmental Protection Agency files has found that limited information is available to determine the status of the release referenced above. The information requested specifically relates to your company's compliance with federal environmental regulations and will facilitate in our understanding of previous actions taken at the site and confirm the current status of the release.

EPA records indicate that a release from a hazardous substance tank containing spent oil-miscible cutting lubricant was reported when this tank was removed April 13, 1998. We understand that six soil samples were collected at the time of tank removal indicating a release had occurred. However, the most recent report in our records, an Underground Storage Tank Closure Assessment, was submitted on June 29, 1998, and a final determination on the action(s) was not included. We request documentation of actions that have been completed, copies of determinations of no further action by a regulatory agency, or confirmation of your intent to continue corrective actions at this site.

Pursuant to Section 9003(c) of the Solid Waste Disposal Act, as amended 42 United States Code (U.S.C.) Section 6991 b(c) and 40 C.F.R Part 280, Subpart F you are required to conduct corrective action activities at the A.O. Smith Electrical Products Company facility, 531 North Fourth Street in Tipp City, Ohio in response to confirmed hazardous substance releases.

As the owner or operator of the UST system at the time of the release, the EPA requests a response within thirty (30) days of receipt of this letter. Please forward the requested information to:

U.S. EPA Region 5
Underground Storage Tanks Section
Attn: Erin Galbraith (LR-8J)
77 West Jackson Blvd.
Chicago, IL 60604-3590

This Information Request is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. §3501, et seq. The EPA has the authority to request information regarding regulated underground storage tanks under Section 9005 of the Resource Conservation and Recovery Act (RCRA), as amended, 42 U.S.C. §6991d. You must respond to this Information Request. Failure to respond to this information request could subject you to an enforcement action, including the assessment of penalties. In addition, delay in the cleanup of the site may lead to escalated enforcement actions.

If you have questions regarding submitting the requested information, please contact Ms. Erin Galbraith at 312-886-6879 or galbraith.erin@epa.gov. For technical questions regarding this site, please contact Mr. Bob Egan at 312-886-6212 or egan.robert@epa.gov.

Sincerely,

Laura L. Lodisio, Chief
Underground Storage Tanks Section
Land and Chemicals Division

Additional Instructions:

This Information Request serves to require you to submit complete and truthful information to the EPA relating to regulated USTs under 40 CFR part 280 of the regulations. Failure to respond to this request may result in an EPA enforcement action under Section 9006(a) of RCRA, 42 U.S.C. §6991e(a).[1]

You may assert a business confidentiality claim covering part or all of the information requested, in the manner described by 40 CFR §2.203. Please make any request for confidentiality when the information is submitted; otherwise the EPA may make available to the public without further notice any information not so identified.[2] Before asserting a business confidentiality claim, please read carefully the cited regulations, together with the standards set forth in Section 9005 of RCRA. Copies are available upon request.

The authorized signatory should sign and date this form below. Should the signatory, at any time after submitting the requested information, find that any portion of the submitted information certified as true and accurate, is false or misleading, the signatory should immediately so notify the EPA, Region 5.

I _____ certify under the penalty of law that I have personally examined and am familiar with the information submitted in responding to this information request and request for submission of documents. Based on my review of all relevant documents and inquiry of those individuals immediately responsible for providing all relevant information and documents, I believe that the information submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature:_____ Date:_____

---

[1] If any statements or representations certified as true should be found to be untrue, fictitious, or intentionally misleading, the signatory can and may be prosecuted under Title 18 United States Code (U.S.C.) §1001. Criminal penalties can be imposed of up to ten thousand dollars ($10,000) or up to five (5) years of imprisonment or both.

[2] Information covered by such a claim will be disclosed by the EPA only to the extent, and only by means of the procedures set forth in 40 CFR Part 2, Subpart B. [See 41 Federal Register 36902 et seq. (September 1, 1976); 43 Federal Register 4000 et seq. (September 8, 1978); 50 Federal Register 51654 et seq. (December 18, 1985)].

REGAL

Regal Beloit EPC, Inc. Tipp City, Ohio 45371 www.regalbeloit.com

May, 29, 2012

United States Environmental Protection Agency
Region 5
Underground Storage Tanks Section
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attn: LR-8J, Erin Galbraith
Re: Information request of BUSTR Number 5581172-00, 531 N. Fourth Street, Tipp City, OH
Dear Erin:

We received your information request of Incident Number 5581172-00 addressed to A.O. Smith Electrical Products Company regarding an underground storage tank that was removed in 1998. We acquired the property late last year as part of a larger acquisition and the location is now known as Regal Beloit EPC, Inc. It is our understanding that the issue was closed by the Division of State Fire Marshal – Bureau of Underground Storage Tanks. Based on your letter this will require further research. We kindly request a 30 day extension to June 30 in order to properly investigate and reply to your information request.

We have retained the support of an environmental consultant, TRC to help us investigate the history of the matter. We are fully committed to be compliant with all appropriate environmental regulations. If you need any additional information please contact me at (937) 667-2431.

Sincerely,

Steve O'Brien
Regal Beloit EPC, Inc.
Vice President & Business Leader
Pump & General Purpose

Regal Beloit Corporation
200 State Street
Beloit, WI 53511

July 8, 2012

United States Environmental Protection Agency
Region 5
Underground Storage Tanks Section
Attn: Erin Galbraith (LR-8J)
77 West Jackson Boulevard
Chicago, IL 60604-3590

Via email (galbraith.erin@epa.gov) and USPS Certified

Re: Response to Information Request
BUSTR Number 5581172-00
Formerly A. O. Smith Electrical Products Company
531 N. Fourth Street, Tipp City, Ohio 45371

Dear Ms. Galbraith:

We received the information request regarding BUSTR Incident Number 5581172-00 addressed to A.O. Smith Electrical Products Company for the property located at 5321 N. Fourth Street, Tipp City, Ohio ("Information Request"). We previously requested an extension to respond to this Information Request. Regal Beloit EPC, Inc., a subsidiary Regal Beloit Corporation, is the current owner of the property and acquired this property in 2012 from A. O. Smith Electrical Products Company. The Information Request relates to a former underground storage tank that was removed from the property in 1998.

We understand from the former owner and from facility records that the tank contained spent oil-miscible lubricant. I am enclosing at Attachment A, the UST Closure Report that was submitted in 1998 to the Ohio State Fire Marshal by A.O. Smith Electrical Products Company. There is no indication in the UST Closure Report that the tank had leaked. In addition, I am enclosing at Attachment B, waste profile and manifest information that identifies the tank contents as "non hazardous" water/oil/coolant. A "Notification for Underground Storage Tanks" submitted by A.O. Smith Corp. in 1986 similarly identifies the tank contents as "water based machining coolants" (see Attachment C). Additional correspondence between A.O. Smith and the Ohio Department of Commerce is attached at Attachment D and identifies the contents as "non-hazardous

production waste fluids." (p.2). This material also includes waste stream analyses and MSDS sheets for the "major fluid components" of the tank. The 1995 "Waste Qualification Analysis" prepared by Laidlaw Environmental Services notes that chlorinated solvents in the material are "negative."

Because the tank was removed from the property prior to Regal Beloit EPC, Inc.'s purchase, Regal Beloit EPC, Inc. is not, and never was, an "owner" or "operator" of the tank and therefore has no obligations under RCRA with respect to the tank removal, closure, or any tank assessments. Under federal regulations, the "owner" of a UST still in use on November 8, 1984, is "any person who owns an UST system used for storage, use, or dispensing of regulated substances." 40 C.F.R. § 280.12. Similarly, an "operator" is defined to mean "any person in control of, or having responsibility for, the daily operation of the UST system." *Id.* With respect to this former tank, Regal Beloit EPC, Inc. has no obligations under RCRA.

We do recognize as a result of your inquiry, however, that the former owner identified levels of PCE in the soil in the vicinity of the UST when it was removed. Based on the records we have reviewed and included herein, we conclude the source of this contamination is a separate, unrelated source. As a result, Regal Beloit EPC, Inc. will contact the Ohio Environmental Protection Agency and address the former soil results, and any necessary subsequent actions, under the Ohio Voluntary Action Program.

Please contact me if you have any questions, otherwise we intend to proceed with discussions with Ohio.

Sincerely,

Regal Beloit Corporation

Scott Schneier

Scott Schneier
Vice President EHS & Risk Management

Attachment A-D

Attachment A

A.O.SMITH
ELECTRICAL PRODUCTS COMPANY
531 NORTH FOURTH STREET
TIPP CITY, OHIO 45371
937-667-2431

June 29, 1998

VIA OVERNIGHT COURIER

Ohio State Fire Marshal
Bureau of Underground Storage Tank Regulations
6606 Tussing Road
Reynoldsburg, Ohio 43068

RE: UST Closure Report
A. O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, Ohio

Dear Sir/Madam:

Please find enclosed one copy of ATC Associates Inc.'s UST Closure report for the above-referenced facility. This report is submitted in general accordance with OAC 1301: 7-9-12 (K). Based on all laboratory analytical results being returned below action levels, A. O. Smith respectfully requests that this facility be considered for a "No Further Action" status.

If you have any questions, or need additional information, please do not hesitate to contact Doug Flinn of ATC Associates Inc. at (614) 238-0984 or myself at (937) 667-2431.

Sincerely,

Jeff Barth
Environmental Coordinator

cc: Steve Compton, ATC (w/o enclosure)

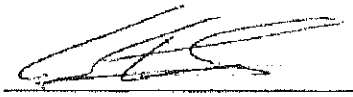
Prepared for:

Jeff Barth
A. O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, Ohio 45371

by:

ATC ASSOCIATES INC.
687 North James Road
Columbus, Ohio 43219
(614) 238-0984

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT A. O. SMITH ELECTRICAL PRODUCTS COMPANY 531 NORTH FOURTH STREET TIPP CITY, OHIO ATC PROJECT NO. 14585.0001



Prepared by: C. Steve Compton
Staff Geologist

Reviewed by: Douglas L. Flinn, CPG
Branch Manager, Columbus

June 29, 1998

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APPENDICES

1.0 SITE DESCRIPTION

On April 13, 1998, ATC Associates Inc. (ATC) monitored the removal of one underground storage tank (UST) at the A. O. Smith Corporation site located in Miami County at 531 North Fourth Street in Tipp City, Ohio (see Figure 1). The site is currently an industrial facility with one UST used to store spent oil-miscible cutting lubricant (water and small amounts of oil). Although, it is believed that this tank is not regulated by the Bureau of Underground Storage Tank Regulations (BUSTR), the UST was closed in accordance with BUSTR regulations (Ohio Administrative Code (OAC) 1301:7-9-12). The site is surrounded by residential, industrial and undeveloped property. North Fourth Street forms the eastern border, across which is residential property and undeveloped land. An industrial facility forms the western property border. Kilgore Street forms the southern border with residential property beyond. Undeveloped property forms the northern boundary (Figure 2).

The site building is located in the central portion of the site and the UST cavity was located along the east wall of the building (Figure 2). James Haspeslagn (State Certification Number: 10-90-1267) of Clay Construction Company, located in Attica, Ohio, was contracted to remove the UST system. The BUSTR Closure Report Checklist is included in Appendix A.

Electric service is supplied to the site by overhead lines which enter the site from the east. A water line runs along the eastern property border. The layout of utilities and adjacent properties is shown in Figure 2.

2.0 UST SYSTEM OWNER, OPERATOR, AND FACILITY DATA

UST Owner's Name:	A. O. Smith Electrical Products Company 531 North Fourth Street Tipp City, Ohio Attn: Jeff Barth
Telephone:	(937) 667-2431 ext. 2265
UST Operator:	Same as Above.
Telephone:	Same as Above
UST Facility Location: **Address:**	A. O. Smith Electrical Products Company 531 North Fourth Street Tipp City, Ohio
Telephone:	(937) 667-2431 ext. 2265
County:	Miami
UST Facility Owner:	A. O. Smith Electrical Products Company 531 North Fourth Street Tipp City, Ohio Attn: Jeff Barth
Telephone:	(937) 667-2431 ext. 2265

3.0 UST SYSTEM DATA

UST Systems' Age:	17 years old (September 28, 1981)
UST Capacities:	4,500 gallon
UST Systems' Construction:	UST: steel
Date UST last used:	April, 1998
Person Who Last Used UST System:	A. O. Smith Electrical Products Company
Substances Stored in USTs:	Spent oil-miscible cutting lubricant
UST Systems' use:	Storage of spent lubricant prior to disposal.
UST Systems' Status:	System permanently removed on April 13, 1998.
Disposal of UST System:	Gene's Recycling, Attica, Ohio (see Appendix B)

4.0 WASTE DISPOSAL DOCUMENTATION

4.1 Method of Disposal and Final Location of Excavated Soils

Excavated soil from the UST cavity, following laboratory analysis, was used to backfill the former UST cavity.

4.2 Amount of Soil and Backfill Excavated

Approximately 54 tons (38.5 cubic yards) of soil and backfill material (primarily coarse gravel) were excavated from the UST cavity.

4.3 Method of Disposal of Liquids

Approximately 250 gallons of liquid were present in the UST at the onset of UST removal activities. These liquids were containerized in DOT approved 55-gallon drums to await disposal. No groundwater was encountered in the UST cavity during excavation activities.

4.4 Locations of Soil Samples Taken from Excavated Soil

Following the completion of excavation activities, six soil samples were collected from the excavated soil, stockpiled on site. Each sample was split into two parts. One split was collected in a 4 ounce pre-cleaned glass jars with a Teflon-lined lid and the second split was collected in a resealable bag for field screening. Disposable latex gloves were worn during sampling activities and changed between samples to avoid possible cross-contamination. Samples were field screened using a Photovac Microtip HL-200 Photoionization Detector (PID) with a 10.0 eV probe which measures ionizable materials in parts per million. The sample with the highest PID reading was submitted for laboratory analysis. Field screening results are summarized in Table 1.

4.5 Laboratory Analytical Results for Stockpiled Soils

Laboratory analytical results did not indicate the presence of volatile organic compounds (VOCs) or total petroleum hydrocarbons (TPH) concentrations above BUSTR Category 3 Action Levels or the Ohio Voluntary Action Program (VAP) for any of the samples submitted for laboratory analysis. Excavated soil analytical results are summarized in Table 2. The complete laboratory analytical report is included as Appendix C.

5.0 SAMPLING DATA

5.1 Soil Sample Collection Procedure

Selection of sampling locations was based on guidelines specified in OAC 1301:7-9-12(K). Soil samples were collected during excavation activities from the bottom of the UST cavity. Soils in the cavities consisted predominantly of silty clay.

Soil samples were collected in duplicate. One half of the split sample was placed in a sample jar for possible laboratory analysis. The remaining split was placed in a resealable polyvinyl bag and allowed to volatilize prior to headspace analysis. The sampler wore latex gloves, which were changed between samples to prevent possible cross contamination.

5.2 Type of Sample Containers and Preservation Techniques

Sample containers were certified clean, to the recommended EPA wash procedure for Level 1 laboratory glassware, by the manufacturer. Each soil sample collected from the site was filled to the top of the container to minimize both the loss of volatile contaminants, and the disturbance of the sample. The sample containers were then capped with a Teflon® - lined lid, wiped clean, labeled and placed in a cooler with ice to cool to approximately 4° Celsius.

5.3 Labeling/Designation of Soil Samples

An effort was made to label samples in a fashion that indicates the general location from which the samples were collected. For example, T-N would signify the sample came from the tank pit floor, at it's north end. The following is an example of sample labeling:

SP = Soil Stockpile
T = Tankpit Bottom

5.4 Type of Sampling Equipment Used

Soil samples were collected from the UST cavity utilizing the backhoe bucket. Care was taken not to obtain soil samples that were in contact with the bucket.

5.5 Decontamination Procedures of Sampling Equipment

A new pair of latex gloves was used for the collection of each soil sample.

5.6 Field Screening Methodology

Headspace analysis was performed for each collected split-sample by placing the soil into a resealable plastic bag. Sample bags were allowed to warm for at least ten minutes to allow any volatiles present to volatilize. The tip of the PID was inserted into the bag to analyze the headspace for volatile contaminants. The instrument was held in place for approximately thirty seconds and peak readings were recorded. Samples with the highest reported PID readings were selected for laboratory analysis. PID readings and sample depths are shown in Table 1.

5.7 Type of Field Screening Instrument Used

Samples were field screened using a 10.0 eV Photovac Microtip HL-200 PID which measures total photoionizable vapors (TPVs) in parts per million (ppm). The PID was calibrated prior to use against an isobutylene standard.

5.8 Chain-of-Custody Documentation for Soil Samples

Chain-of-Custody documentation can be found in Appendix C.

5.9 Sample Collector's Name and Affiliation

C. Steven Compton of ATC (Columbus, Ohio Office) collected all closure soil samples on April 13, 1998.

6.0 LABORATORY DATA

6.1 Laboratory Sample Analysis Data Sheets

Soil analytical results for VOCs by Method 8240 and TPH by Method 418.1 are summarized in Table 2. The complete set of laboratory sample analysis data sheets and the chain-of-custody form for soil samples analyzed are presented in Appendix C.

6.2 Date Soil Samples Were Collected

Sampling activities were conducted on April 13, 1998. These dates are documented on the chain-of-custody form in Appendix C.

6.3 Date Soil Samples Were Received and Analyzed by the Laboratory

Samples were received by the lab on April 15, 1998. Exact dates of laboratory analysis are indicated on the laboratory report in Appendix C.

6.4 Name, Address, and Phone Number of the Analytical Laboratory

Laboratory Name:	ATC Associates Inc.
Address:	6550 East 65th Street
	Indianapolis, Indiana
Phone:	(610) 327-8196

7.0 MISCELLANEOUS DATA

7.1 Hydrogeologic Setting

The Groundwater Resources Map of Miami County, published by The Ohio Department of Natural Resources, indicates that the site is situated in an area where well yields of typically less than 2 gallons per minute can be developed in the non-water-bearing Ordovician shaly limestone bedrock[1].

7.2 Local Drinking Water Supplies

Potable water for the site and the residents of the Tipp City area is obtained from a water well field located on S. R. 571 approximately one mile southeast of the site. According to Ohio Department of Natural Resources (ODNR) records, three wells exist within a one-quarter mile radius of this site (Appendix D). These three wells are all located within three feet of each other on the site. According to Mr. Jeff Barth of A. O. Smith, these wells were installed in 1963 and utilized for testing motors but are no longer in use.

7.3 BUSTR Site Feature Scoring

Ohio Administrative Code (OAC) 1301:7-9-13 (E) outlines a formula for the determination of site-specific action levels for sites from which releases from regulated USTs have been discovered. Action levels are the concentrations of the monitored petroleum hydrocarbon constituents at which corrective action must be taken. The action level for the site has been determined to be "Category 3" based upon the above-referenced rule. Site evaluation data and site feature scoring documentation are provided in Appendix E.

7.4 Fire Department with Jurisdiction Over the Site

Tipp City Fire Department
Tipp City, Ohio 45371

7.5 30-Day Closure Notification and Closure Permit

Thirty day closure permit is included in Appendix F.

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[1] James J. Schmidt, 1984. Ground-Water resources of Miami County. Ohio Department of Natural Resources.

8.0 QUALIFICATIONS

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the field of environmental science, geology and engineering. This warranty is in lieu of all warranties either expressed or implied. ATC is not responsible for information lacking as a result of non-disclosure by the recipient of this report, or independent conclusions, opinions, or recommendations made by others based on information in this report.

The results, findings, conclusions and recommendations expressed in this report are based only on conditions which were observed during the site inspection of April 13, 1998. ATC and this report make no representation or assumptions as to past conditions or future occurrences.

Table 1

Sample Location and Summary of Soil PID Readings

A. O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, Ohio

ATC Project No. 14585.0001

Sample ID	Sample Location	PID (ppm)	Depth (feet)
T-N	Tankpit floor - North end	6.3	8
T-S	Tankpit floor - South end	3.8	8
SP-1	Stock Pile	3.4	--
SP-2	Stock Pile	3.5	--
SP-3	Stock Pile	4	--
SP-4	Stock Pile	5.3	--
SP-5	Stock Pile	5	--
SP-6	Stock Pile	5.8	--

Bold sample ID's represent sample submitted for analysis.

Table 2

Summary of Analytical Results
(all results in parts per million (ppm))

A. O. Smith Electrical Products Company
531 North Fourth Street
Tipp City, Ohio

ATC Project No. 14585.0001

Sample ID	Depth (feet)	TPH 418.1	PCE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX
T-N	8	<10	0.980	<0.005	<0.005	<0.005	<0.010	<0.025
SP-6	--	220	0.043	<0.005	<0.005	<0.005	<0.010	<0.025
BUSTR ACTION LEVELS								
Category 3		904	*	0.335	9	14	67	

PCE - Tetrachloroethene

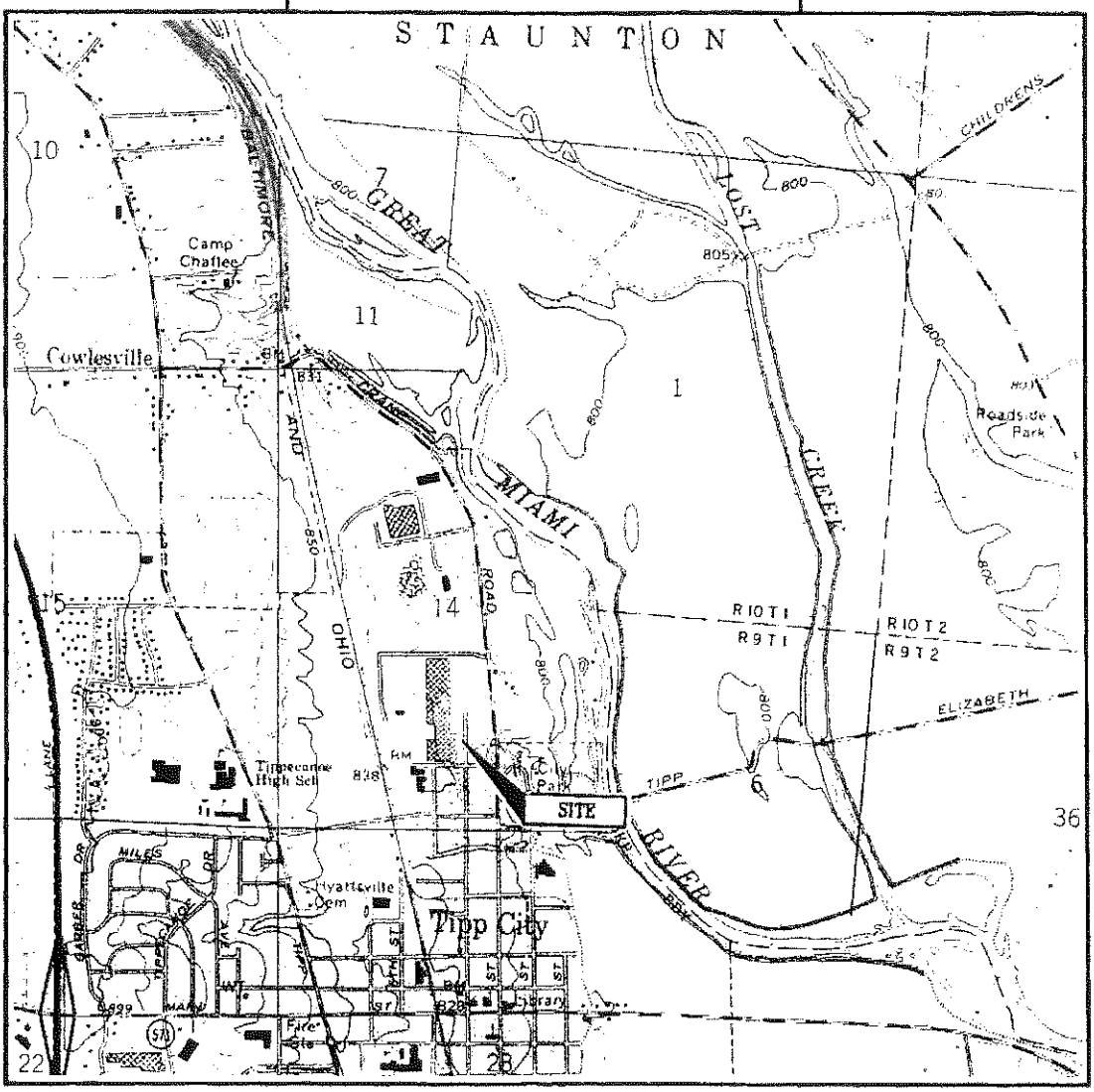
1 ppm = 1 µg/kg

Samples were analyzed for volatiles by U.S. EPA Method 8240.
- All constituent concentrations were below laboratory detection limits except PCE.

* - The allowable concentration for PCE in industrial soils according to OAC 3745-300-08 (Voluntary Action Program) is 370 ppm.
* - The allowable concentration for PCE in residential soils according to OAC 3745-300-08 (Voluntary Action Program) is 94 ppm.

TIPP CITY, OHIO QUADRANGLE

OHIO – MIAMI COUNTY
7.5 MINUTE SERIES (Topographic)



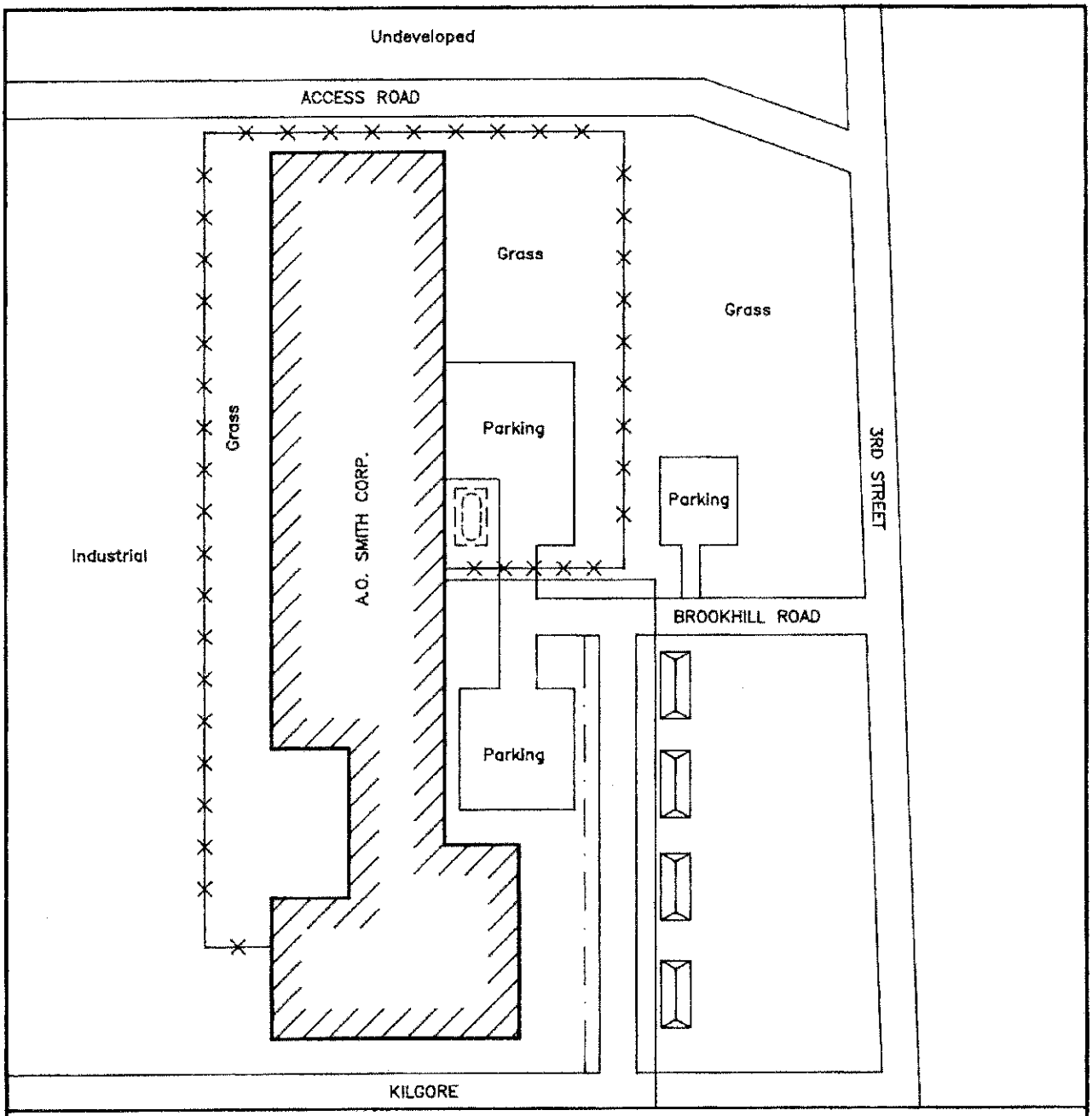
SCALE: 1" = 2000'

0 1/2 1 MILE

0 1000 2000 4000 6000 FEET

N

TIPP CITY, OHIO 1965 PHOTOREVISED 1982	SITE LOCATION MAP UST CLOSURE ASSESSMENT A.O. Smith Corporation 531 North Fourth Street Tipp City, Ohio	PROJECT NO.: 14585.0001	FIGURE 1
		VATC ASSOCIATES INC.	



SITE MAP

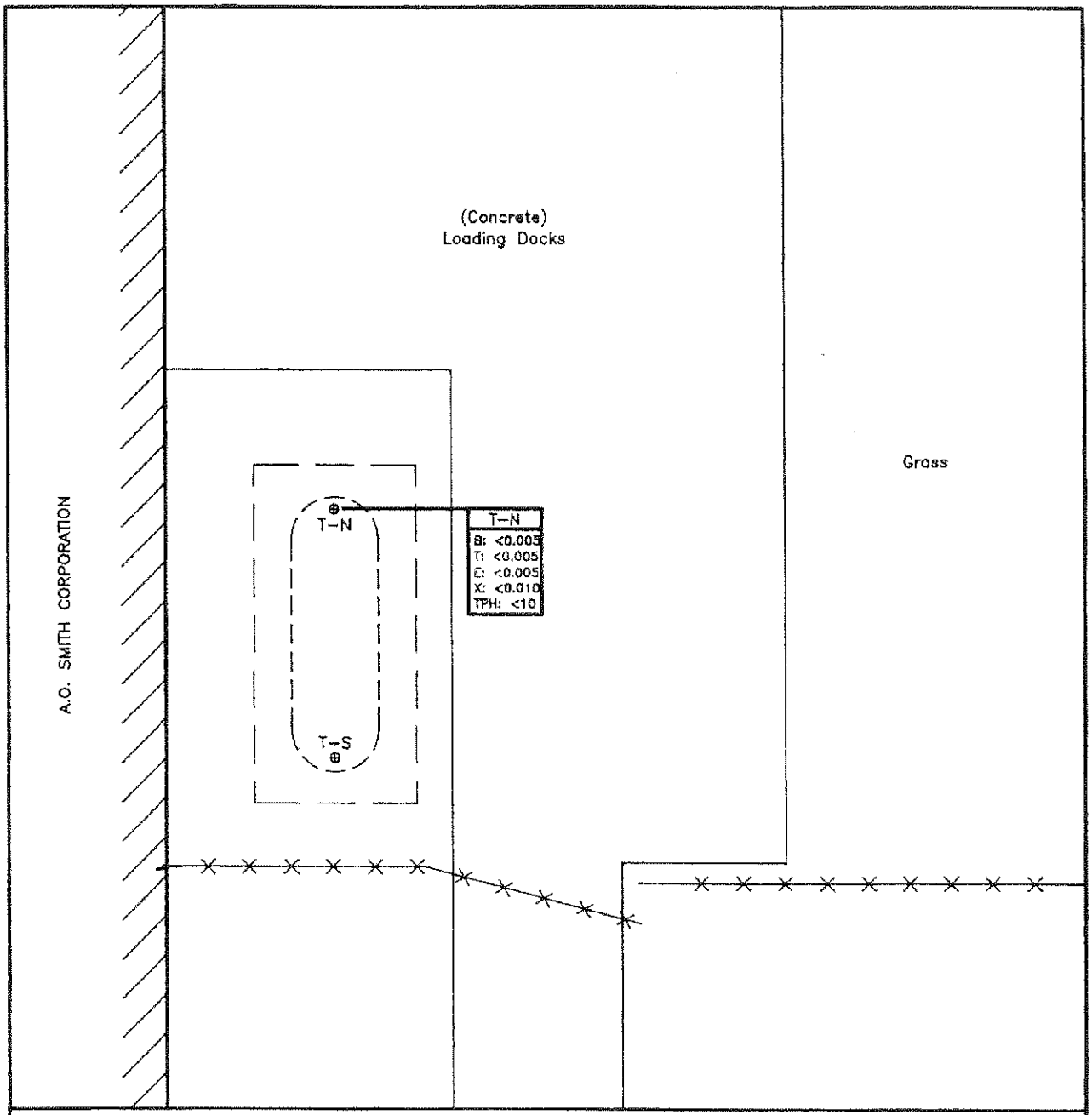
UST CLOSURE ASSESSMENT
A.O. Smith Corporation
531 North Fourth Street
Tipp City, Ohio

PROJECT NO.:	DATE:	DRAWN BY:	REVIEWED BY:
14585.0001	05/01/98	RRS	CSC

SCALE: Not to Scale

FIGURE 2

VATC ASSOCIATES INC.



N

LEGEND

Sample Location

Fence

T-N	
B: <0.001	Benzene Results in mg/kg (0.001 D.L.)
T: <0.001	Toluene Results in mg/kg (0.001 D.L.)
E: <0.001	Ethylbenzene Results in mg/kg (0.001 D.L.)
X: <0.001	Xylene Results in mg/kg (0.002 D.L.)
TPH: <1.0	TPH Results in mg/kg (1.0 D.L.)

SOIL ANALYTICAL RESULTS MAP

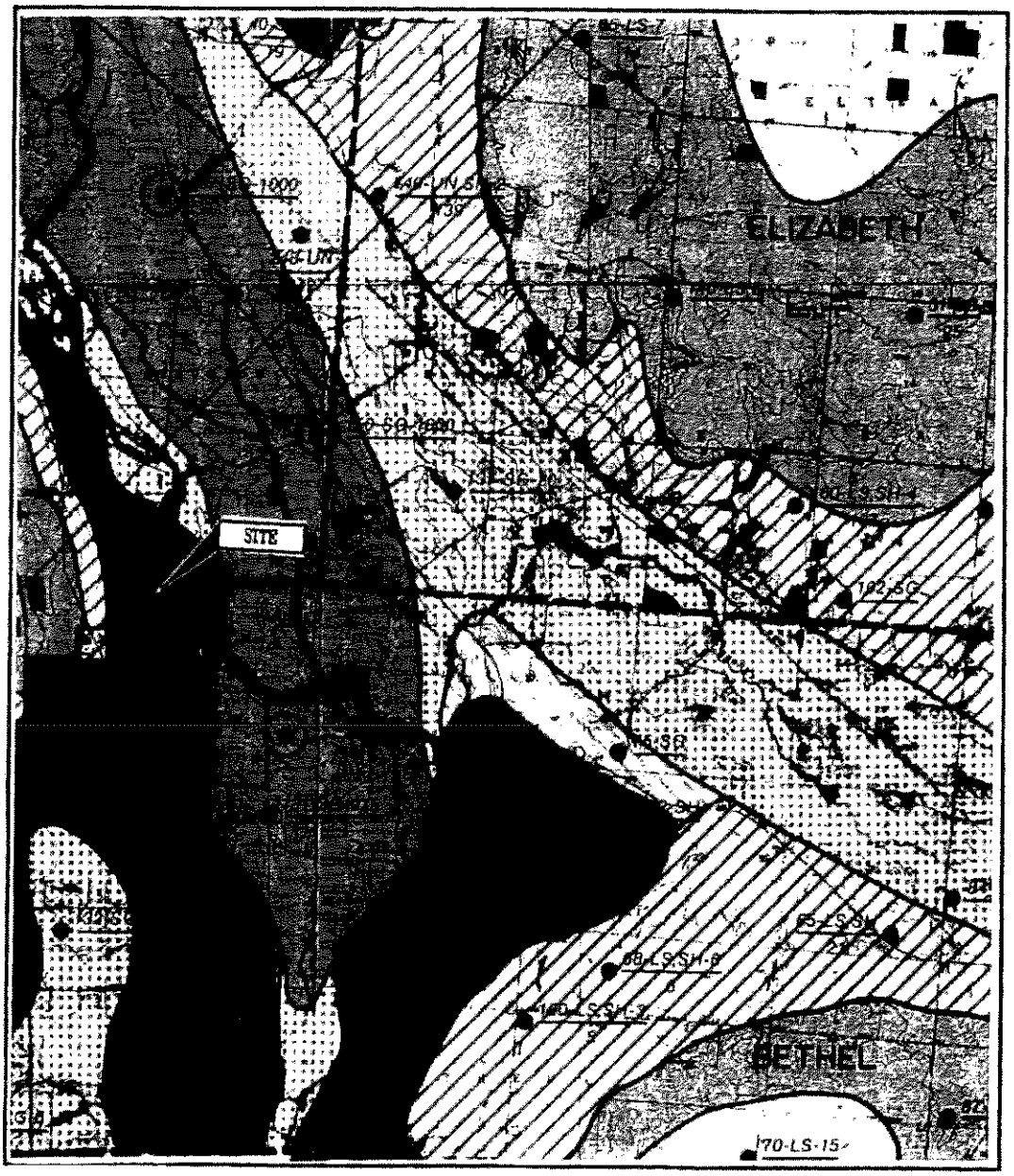
UST CLOSURE ASSESSMENT
A.O. Smith Corporation
531 North Fourth Street
Tipp City, Ohio

PROJECT NO.:	DATE:	DRAWN BY:	REVIEWED BY:
14585.0001	05/01/98	RRS	CSC

SCALE: Not to Scale

FIGURE 3

ATC ASSOCIATES INC.



GROUNDWATER RESOURCES MAP OF MIAMI COUNTY

UST CLOSURE ASSESSMENT
A.O. Smith Corporation
531 North Fourth Street
Tipp City, Ohio

PROJECT NO.: 14585.0001

SCALE: 1" = 1 MILE

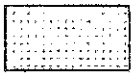
FIGURE 4a

ATC ASSOCIATES INC.

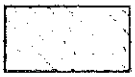
AREAS IN WHICH YIELDS OF 500 TO 1000, OR MORE, GALLONS PER MINUTE MAY BE DEVELOPED

Permeable sand and gravel deposits beneath floodplain of Miami River. Properly constructed large diameter drilled wells may yield in excess of 1000 gallons per minute at depths of 95 to 150 feet.

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED



Regionally extensive, thick permeable deposits of sand and gravel. Extensive test drilling is recommended to locate coarse deposits at depths ranging from 40 to 155 feet.



Relatively shallow, permeable deposits of sand and gravel adjacent to Miami River. Potential yields of as much as 300 gallons per minute may be projected for properly constructed wells developed at depths of less than 75 feet.

AREAS IN WHICH YIELDS OF AS MUCH AS 75 GALLONS PER MINUTE MAY BE DEVELOPED.

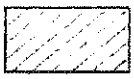
Niagaran limestone aquifer beneath glacial drift of variable thickness. Wells range from 40 to 235 feet deep, although average well is less than 90 feet deep.

AREAS IN WHICH YIELDS OF 5 TO 20 GALLONS PER MINUTE MAY BE DEVELOPED

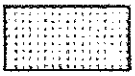
Relatively shallow, basal Silurian limestone aquifer yields as much as 20 gallons per minute at depths of less than 100 feet. Deeper drilling to the non-water-bearing Ordovician shaly limestone is not recommended.

Ground water obtained from thin, not extensive, sand and gravel deposits interbedded with relatively thick layers of clayey till. Wells are developed at depths of less than 80 feet and deeper drilling into underlying bedrock may be non-productive.

AREAS IN WHICH YIELDS OF 3 TO 10 GALLONS PER MINUTE MAY BE DEVELOPED.



Thin to exceptionally thick unconsolidated deposits above thin limestone and shaly limestone bedrock. Thin layers of permeable sand and gravel may be encountered at average depths of less than 115 feet. However, deeper drilling to as much as 285 feet may encounter silty sand with meager to no usuable ground-water supplies.



Relatively thin layers of sand and gravel interbedded with clayey till. Domestic supplies should be available. Deeper drilling into underlying impervious bedrock is not recommended.

AREAS IN WHICH YIELDS OF LESS THAN 2 GALLONS PER MINUTE MAY BE DEVELOPED.

Clayey till usually less than 10 feet thick overlying non-water-bearing Ordovician shaly limestone bedrock. Meager supplies are developed, with cisterns and/or additional storage necessary to maintain daily water requirements.

LEGEND

GROUNDWATER RESOURCES MAP
MIAMI COUNTY

PROJECT NO.: 14585.0001

SCALE: N/A

FIGURE 4b

VATC ASSOCIATES INC.

DIVISION OF STATE FIRE MARSHAL-BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
CLOSURE REPORT CHECKLIST FORM

Ownership of Tanks	Location of Tanks
A. O. Smith Electrical Products Company 531 North Fourth Street Tipp City, Ohio Attn: Jeff Barth	A. O. Smith Electrical Products Company 531 North Fourth Street Tipp City, Ohio

I. FILING INSTRUCTIONS

A. In the column on the left side of the form, place either the page number or appendix designation where each item on the checklist can be found in the Closure Report or "N/A" (Not Applicable) for items that do not apply to your Closure Report. If "N/A" is indicated, you must also indicate the page number accordingly.

B. UST owner must sign where indicated on Page 2 of this form and attach it to the Closure Report. Deficient Closure Reports submitted to our office will be returned to the UST owner for completion. Send the Closure Report Checklist form and the Closure Report to the address as indicated on the enclosed cover letter.

NOTE: UST OWNER/OPERATORS SHALL SUBMIT ONE COPY OF THE WRITTEN CLOSURE REPORT WHICH SHALL BE RECEIVED BY THE STATE FIRE MARSHAL WITHIN 45 DAYS OF RECEIPT BY THE UST OWNER/OPERATOR OF SOIL AND/OR GROUNDWATER LABORATORY ANALYSIS BUT NOT LATER THAN 90 DAYS FROM THE DATE OF COLLECTING SOIL AND/OR GROUNDWATER SAMPLES.

II. UST SYSTEM OWNER, OPERATOR, AND FACILITY DATA

2 UST Owner (name, address, zip code, county, phone no.)
2 UST Operator (name, address, zip code, county, phone no.)
2 UST Facility Location (name, address, zip code, county, phone no.)
2 UST Facility Owner (name, address, zip code, county, phone no.)

III. UST SYSTEM DATA

3 UST System(s) Age (years)
3 UST(s) Capacity (gallons)
3 UST System(s) Construction (i.e., steel, fiberglass, etc.)
3 Date UST System(s) Last Used
3 Person(s) Who Last Used UST System
3 Substance(s) Stored in UST(s) both past and present (i.e., gasoline, diesel fuel, used oil, etc.)
3 UST System Use (i.e., retail sales, residential, farm, business, etc.)
3 UST(s) System Status (Permanently Removed or Abandoned-In-Place)
3 Disposal of UST(s) System

IV. WASTE DISPOSAL DATA

4 Method of Disposal and Final Location of Excavated Soil(s) and Backfill Materials
4 Amount of Soils and Backfill Excavated (cubic yards)

4 Disposal and Final Location of any Liquids from UST System or UST System Excavation

4 Locations of Soil Samples taken from Excavated Soil Waste Pile(s)

App C Copies of Laboratory Data Sheets of Soil Samples taken from Excavated Soil(s) and Backfill Materials

V. SAMPLING DATA

(Groundwater sampling dsta only required if groundwater encountered during closure activities)

5 Soil and/or Groundwater Sample Collection Procedures

5 Type of Sample Containers and Sample Preservation Techniques Used for Soil and/or Groundwater

5 Labeling Number or Designation of Soil and/or Groundwater Sample(s) Used

6 Type of Sampling Equipment Used (i.e., split spoon, shelby tube, etc.)

6 Decontamination Procedures of Sampling Equipment Used

6 Field Screening Methodology Used for each Soil and/or Groundwater Samples Obtained

6 Type of Field Screening Instrument Used

Tab 1 Listing of Field Screening Readings for each Soil and/or Groundwater Sample Obtained

6 Calibration Methodology Used for Field Screening Instrument

Tab 1 Location and Depths of all Soil and/or Groundwater Samples Obtained

App C Copy of Chain of Custody Documentation for Soil and/or Groundwater Samples Submitted to Lab

6 Sample Collector(s) Name and Company Affiliation

VI. LABORATORY DATA

(Groundwater laboratory data only required if groundwater encountered during closure activities)

App C Copies of Laboratory Sample Analysis Data Sheets for Soil and/or Groundwater Samples

App C Date Soil and/or Groundwater Samples Collected

App C Date Soil and/or Groundwater Samples Received by Laboratory

App C Date Soil and/or Groundwater Samples Analyzed by Laboratory and Type of Matrix Analyzed

App C Name, Address, and Phone No. of Laboratory and name of Sample Analyst

App C Analytical Test Methods Used for Soil and/or Groundwater Samples

App C Detection/Quantitation Limits Used for Laboratory Test Methods

App C Laboratory Instrument Calibration Used

VII. MISCELLANEOUS DATA

Fig 2 Site Map Accurately Depicting Dimensions of Facility Property Boundaries, Above Ground Structures, Adjacent Street Locations, and UST Systems (no. of tanks and product lines

App D Mapped Locations of Known Private Wells, Public Water Wells, or Monitoring Wells on Facility

Fig 2 Mapped Locations of any Utilities Exposed During UST System Excavation

5 Description of Native Soils Encountered During UST System Excavation (i.e., sands, gravel, clays, etc.)

Fig 2 Mapped Depths and Locations of all Soil and/or Groundwater Samples taken from Excavation

Pg 1 Visual Site Evaluation

Fig 2 Mapped Locations of UST(s) Recently or Historically removed, Abandoned-In-Place, etc.

N/A Mapped Locations of Other UST Still in Service

Fig 2 Mapped length of UST(s) and Product Line(s)

Fig 2 Mapped Excavation Limits

1 Certified Fire Safety Inspector name and Certificate Number

3 Local Fire Department (name, address, zip code, county, phone) with jurisdiction over UST site

App F Copy of 30 Day Closure Notification and Closure Permit

UST(s) Owner Representative: Jeff Barth Signature: Jeff Barth Date: 6-29-98

DIVISION USE ONLY

Prepared By: _____ Date: _____

STATE FIRE MARSHAL/BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
SOIL DISPOSAL/TREATMENT NOTIFICATION FORM

This form should be completed and submitted within 90 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to treatment, whichever comes first. A separate form should be completed for each stockpile generated

OWNER/OPERATOR INFORMATION			
OWNER/OPERATOR NAME	CONTACT PERSON		AREA CODE-PHONE
A. O. Smith Electrical Products Company	Mr. Jeff Barth		(937) 667-2431
ADDRESS	CITY	STATE	ZIP CODE
531 North Fourth Street	Tipp City	Ohio	45371

FACILITY WHERE SOILS WERE GENERATED: BUSTER FACILITY NO:			FACILITY WHERE SOILS WILL BE DISPOSED OF OR TREATED:		
FACILITY NAME A. O. Smith Electrical Products Company			FACILITY NAME A. O. Smith Electrical Products Company		
ADDRESS 531 North Fourth Street			ADDRESS 531 North Fourth Street		
CITY Tipp City	STATE Ohio	ZIP CODE 45371	CITY Tipp City	STATE Ohio	ZIP CODE 45371
AREA CODE-PHONE (937) 667-2431	COUNTY Miami		COUNTY Miami	STOCKPILE DESIGNATION N/A	

DATE STOCKPILE WAS GENERATED 4-13-98

DISPOSITION OR TREATMENT OF STOCKPILE (provide the number of cubic yards in the appropriate place below)

Cubic Yards		(Check applicable)	
38.5	Soil analysis falls below category 1 action levels	X on-site	____ off-site
0	One time landfarming	____ on-site	____ off-site
0	Multiple application landfarming	____ on-site	____ off-site
0	Confined treatment area or process	____ on-site	____ off-site
0	Alternative treatment method	____ on-site	____ off-site
0	Disposal at treatment facility		
38.5	Returned to excavation (below site specific category action levels)		
0	Returned to excavation (above site specific category action levels)		
0	Disposal at a landfill		

*****CONTINUED ON REVERSE SIDE*****

For Office Use Only

Report # ____ - ____ - ____

CORD:____ STAT:____ PRIO:____ CLASS:____ LTE:____ CYDS:____

REVIEWED BY: ____ DATE: ____

ENTERED BY: ____ DATE: ____

C L A Y C O N S T R U C T I O N C O.
DIVISION OF BECK SUPPLIERS INC
15025 EAST U. S. 224
P.O. BOX 581
ATTICA, OH 44807
419-426-3051
800-472-2591

04/16/98

ATC ENVIRONMENTAL INC
687 N JAMES ROAD
COLUMBUS OHIO 43219

LOCATION: 531 N FOURTH STREET
TIPP CITY OHIO
MIAMI COUNTY

THE REMOVED TANK WAS BROUGHT BACK TO CLAY CONSTRUCTION'S BULK PLANT IN ATTICA, OHIO FOR DESTRUCTION AND DISPOSAL TO: GENE'S RECYCLING, 8168 S.R. 4, ATTICA, OHIO
1 - 4,500 GALLON TANK

DISPOSAL OF WASTE PRODUCT REMAINING IN THE TANK WENT TO: LEFT ON SITE. TO DISPOSED OF BY OWNER.
APPROXIMATELY 270 GALLONS

MSWORKS\DISPOSAL

38540 1b 07:58 AM 04/14/98
34420 Carry All
4120

A.O. Smith
Tipp City

ATC
ANALYTICAL SERVICES

ACCREDITED

April 28, 1998

Mr. Doug Flinn
ATC Associates Inc.
687 North James Road
Columbus, OH 43229

Re: Two Soil Organic Analyses
Beck Suppliers
ATC Work Order Number 98041781
ATC Project Number 14585.0001

Dear Mr. Flinn:

Attached is an eight page report of results for the Organic Analyses for the two soil samples which were submitted to the ATC Environmental/Analytical Testing Division on April 15, 1998, on behalf of Beck Supplies. The volatile samples were analyzed on a Finnigan Incos 50 GC/MS/DS system, complete with Superincos Software, via SW 846 Method 8240A for Purgeable Organic Compounds. Prior to analysis, the system was tuned against Bromofluorobenzene and calibrated with the appropriate standard. Total Hydrocarbon analyses were performed on a Perkin-Elmer 1600 Series Infrared Spectrophotometer according to EPA-600/4-79-020 Method 418.1.

The analytical procedures are performed in accordance with the ATC Analytical Standard Operating Procedures, which are based on the methods referenced in this report. These SOPs are available for your review upon request.

All soil results are reported on an "as received" basis unless otherwise specified. Any associated Quality Control information will be maintained in the Testing Division files, a copy of which can be forwarded to you upon request. After a thirty-day period, a fee will be assessed for this additional information.

Additional copies can be provided at a minimum cost of $30.00 per copy.

Results in this report relate only to the items tested.

Respectfully submitted,

ATC ASSOCIATES INC.

Donna S. Spyker

Donna Spyker
GC Group Leader
Environmental/Analytical
Testing Division

5150 E. 65th Street • Indianapolis, IN 46220-4871 • (317) 849-4990 • FAX (317) 842-7932

ATC Associates, Inc.
6B7 N. James Road
Columbus OH 43219

Attn : Doug Flinn

Cust Proj #: 14585.0001

Lab Proj #: 98041781
Date : 04/27/1998

Date Received : 04/15/1998
Date Completed: 04/23/1998

REPORT OF ANALYSIS

ATC Sample Number	Client Sample Description
98-007271	T-N
98-007999	Method Blank
98-007272	SP-6

Donna S. Spyker
Certified By
Donna S. Spyker

Date of Report: 04/24/98
Project Number: 98041781
Lab ID: 98-0007271
Date Collected: 04/13/98 17:05
Collected By: Client
Date Received: 04/15/98 00:00
C of C Number:
Temperature: Received on Ice

:en ion: Doug Flinn
ATC Associates, Inc.
687 N. James Road
Columbus OH 43219

mpl Desc: T-N

	Result	Unit	PQL	Procedure	Test Date
ORGANIC					
WET CHEMISTRY					
Solids	89.3	%	0.100	D 2216	04/20/98
GAS/C					
GC/MS VOLATILES					
1,1,1-Trichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2,2-Tetrachloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2-Trichloroethane	<5	ug/kg	5	SW 8240	04/17/98
1,1-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
1,2,3-Trichloropropane	<100	ug/Kg	100	SW 8240	04/17/98
1,2-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,2-Dichloropropane	<5	ug/Kg	5	SW 8240	04/17/98
2-Hexanone	<50	ug/Kg	50	SW 8240	04/17/98
2-Chloroethyl Vinyl Ether	<10	ug/Kg	10	SW 8240	04/17/98
Acetone	<100	ug/Kg	100	SW 8240	04/17/98
Acrolein	<10	ug/Kg	10	SW 8240	04/17/98
Acrylonitrile	<100	ug/Kg	100	SW 8240	04/17/98
Benzene	<5	ug/Kg	5	SW 8240	04/17/98
Bromodichloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Bromoform	<5	ug/Kg	5	SW 8240	04/17/98
Bromomethane (Methyl Bromide)	<10	ug/Kg	10	SW 8240	04/17/98
cis-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
cis-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
Carbon Tetrachloride	<5	ug/Kg	5	SW 8240	04/17/98
Chlorobenzene	<5	ug/Kg	5	SW 8240	04/17/98
Chloroethane	<10	ug/Kg	10	SW 8240	04/17/98
Chloroform	<5	ug/Kg	5	SW 8240	04/17/98
Chloromethane	<10	ug/Kg	10	SW 8240	04/17/98
Carbon Disulfide	<100	ug/Kg	100	SW 8240	04/17/98
Dichlorodifluoromethane (Freon 12)	<100	ug/Kg	100	SW 8240	04/17/98
Dibromochloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Ethylbenzene	<5	ug/Kg	5	SW 8240	04/17/98
Ethyl Methacrylate	<100	ug/Kg	100	SW 8240	04/17/98
Iodomethane	<100	ug/Kg	100	SW 8240	04/17/98
Methylene Chloride (Dichloromethane)	<5	ug/Kg	5	SW 8240	04/17/98
2-Butanone (Methyl Ethyl Ketone)	<100	ug/Kg	100	SW 8240	04/17/98
4-Methyl-2-pentanone (MIBK)	<50	ug/Kg	50	SW 8240	04/17/98
o-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
m,p-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
Styrene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,4-Dichloro-2-Butene	<100	ug/Kg	100	SW 8240	04/17/98
Trichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
Trichlorofluoromethane (Freon 11)	<10	ug/Kg	10	SW 8240	04/17/98
Tetrachloroethene	980	ug/Kg	5	SW 8240	04/17/98
Toluene	<5	ug/Kg	5	SW 8240	04/17/98
Vinyl Acetate	<50	ug/Kg	50	SW 8240	04/17/98
Vinyl Chloride	<10	ug/Kg	10	SW 8240	04/17/98
OTHER/MISC.					
Total Petroleum Hydrocarbons-Infrared	<10	mg/Kg	10	EPA 418.1	04/20/98

Date of Report: 04/24/98
Project Number: 98041781
Lab ID: 98-0007272
Date Collected: 04/13/98 17:05
Collected By: Client
Date Received: 04/15/98 00:00
C of C Number:
Temperature: Received on Ice

en'tion: Doug Flinn
ATC Associates, Inc.
687 N. James Road
Columbus OH 43219

pl Desc: SP-6

	Result	Unit	PQL	Procedure	Test Date
)RC NIC					
ŴET CHEMISTRY					
Solids	88.4	%	0.100	D 2216	04/20/98
JANIC					
GC VOLATILES					
1,1-Trichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2,2-Tetrachloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2-Trichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
1,2,3-Trichloropropane	<100	ug/Kg	100	SW 8240	04/17/98
1,2-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,2-Dichloropropane	<5	ug/Kg	5	SW 8240	04/17/98
2-Hexanone	<50	ug/Kg	50	SW 8240	04/17/98
2-Chloroethyl Vinyl Ether	<10	ug/Kg	10	SW 8240	04/17/98
Acetone	<100	ug/Kg	100	SW 8240	04/17/98
Acrolein	<10	ug/Kg	10	SW 8240	04/17/98
Acrylonitrile	<100	ug/Kg	100	SW 8240	04/17/98
Benzene	<5	ug/Kg	5	SW 8240	04/17/98
Bromodichloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Bromoform	<5	ug/Kg	5	SW 8240	04/17/98
Bromomethane (Methyl Bromide)	<10	ug/Kg	10	SW 8240	04/17/98
cis-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
cis-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
Carbon Tetrachloride	<5	ug/Kg	5	SW 8240	04/17/98
Chlorobenzene	<5	ug/Kg	5	SW 8240	04/17/98
Chloroethane	<10	ug/Kg	10	SW 8240	04/17/98
Chloroform	<5	ug/Kg	5	SW 8240	04/17/98
Chloromethane	<10	ug/Kg	10	SW 8240	04/17/98
Carbon Disulfide	<100	ug/Kg	100	SW 8240	04/17/98
Dichlorodifluoromethane (Freon 12)	<100	ug/Kg	100	SW 8240	04/17/98
Dibromochloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Ethylbenzene	<5	ug/Kg	5	SW 8240	04/17/98
Ethyl Methacrylate	<100	ug/Kg	100	SW 8240	04/17/98
Iodomethane	<100	ug/Kg	100	SW 8240	04/17/98
Methylene Chloride (Dichloromethane)	<5	ug/Kg	5	SW 8240	04/17/98
2-Butanone (Methyl Ethyl Ketone)	<100	ug/Kg	100	SW 8240	04/17/98
4-Methyl-2-pentanone (MIBK)	<50	ug/Kg	50	SW 8240	04/17/98
o-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
m,p-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
Styrene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,4-Dichloro-2-Butene	<100	ug/Kg	100	SW 8240	04/17/98
Trichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
Trichlorofluoromethane (Freon 11)	<10	ug/Kg	10	SW 8240	04/17/98
Tetrachloroethene	43	ug/Kg	5	SW 8240	04/17/98
Toluene	<5	ug/Kg	5	SW 8240	04/17/98
Vinyl Acetate	<50	ug/Kg	50	SW 8240	04/17/98
Vinyl Chloride	<10	ug/Kg	10	SW 8240	04/17/98
THER/MISC.					
Total Petroleum Hydrocarbons-Infrared	220	mg/Kg	10	EPA 418.1	04/20/98

Date of Report: 04/24/98
Project Number: 98041781
Lab ID: 98-0007999
Date Collected: 04/13/98 17:05
Collected By: Client
Date Received: 04/15/98 00:00
C of C Number:
Temperature: Received on Ice

Attention: Doug Flinn
ATC Associates, Inc.
687 N. James Road
Columbus OH 43219

Sample Desc: Method Blank

	Result	Unit	PQL	Procedure	Test Date
ORGANIC					
GC/MS VOLATILES					
1,1,1-Trichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2,2-Tetrachloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1,2-Trichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,1-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
1,2,3-Trichloropropane	<100	ug/Kg	100	SW 8240	04/17/98
1,2-Dichloroethane	<5	ug/Kg	5	SW 8240	04/17/98
1,2-Dichloropropane	<5	ug/Kg	5	SW 8240	04/17/98
2 Hexanone	<50	ug/Kg	50	SW 8240	04/17/98
2-Chloroethyl Vinyl Ether	<10	ug/Kg	10	SW 8240	04/17/98
Acetone	<100	ug/Kg	100	SW 8240	04/17/98
Acrolein	<10	ug/Kg	10	SW 8240	04/17/98
Acrylonitrile	<100	ug/Kg	100	SW 8240	04/17/98
Benzene	<5	ug/Kg	5	SW 8240	04/17/98
Bromodichloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Bromoform	<5	ug/Kg	5	SW 8240	04/17/98
Bromomethane (Methyl Bromide)	<10	ug/Kg	10	SW 8240	04/17/98
cis-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
cis-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
Carbon Tetrachloride	<5	ug/Kg	5	SW 8240	04/17/98
Chlorobenzene	<5	ug/Kg	5	SW 8240	04/17/98
Chloroethane	<10	ug/Kg	10	SW 8240	04/17/98
Chloroform	<5	ug/Kg	5	SW 8240	04/17/98
Chloromethane	<10	ug/Kg	10	SW 8240	04/17/98
Carbon Disulfide	<100	ug/Kg	100	SW 8240	04/17/98
Dichlorodifluoromethane (Freon 12)	<100	ug/Kg	100	SW 8240	04/17/98
Dibromochloromethane	<5	ug/Kg	5	SW 8240	04/17/98
Ethylbenzene	<5	ug/Kg	5	SW 8240	04/17/98
Ethyl Methacrylate	<100	ug/Kg	100	SW 8240	04/17/98
Iodomethane	<100	ug/Kg	100	SW 8240	04/17/98
Methylene Chloride (Dichloromethane)	<5	ug/Kg	5	SW 8240	04/17/98
2-Butanone (Methyl Ethyl Ketone)	<100	ug/Kg	100	SW 8240	04/17/98
4-Methyl-2-pentanone (MIBK)	<50	ug/Kg	50	SW 8240	04/17/98
o-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
m,p-Xylene	<5	ug/Kg	5	SW 8240	04/17/98
Styrene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,2-Dichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,3-Dichloropropene	<5	ug/Kg	5	SW 8240	04/17/98
trans-1,4-Dichloro-2-Butene	<100	ug/Kg	100	SW 8240	04/17/98
Trichloroethene	<5	ug/Kg	5	SW 8240	04/17/98
Trichlorofluoromethane (Freon 11)	<10	ug/Kg	10	SW 8240	04/17/98
Tetrachloroethene	<5	ug/Kg	5	SW 8240	04/17/98
Toluene	<5	ug/Kg	5	SW 8240	04/17/98
Vinyl Acetate	<50	ug/Kg	50	SW 8240	04/17/98
Vinyl Chloride	<10	ug/Kg	10	SW 8240	04/17/98

8240surr

QA/QC Summary
ATC Lab Project No. 98041781

Sample ID	Client ID	Surrogate	% Recovery	QC Range	Method	Run Date
VBLK0417		Toluene-d8	87	81-117	SW 8240A	4/17/98
		Bromoflouorbenzene	91	74-121		
		1,2-Dichloroethane-d4	90	70-121		
98-07271	T-N	Toluene-d8	90	81-117	SW 8240A	4/17/98
		Bromoflouorbenzene	77	74-121		
		1,2-Dichloroethane-d4	98	70-121		
98-07272	SP-6	Toluene-d8	100	81-117	SW 8240A	4/17/98
		Bromoflouorbenzene	88	74-121		
		1,2-Dichloroethane-d4	97	70-121		
98-07272M	SP-6	Toluene-d8	102	81-117	SW 8240A	4/17/98
		Bromoflouorbenzene	82	74-121		
		1,2-Dichloroethane-d4	95	70-121		

QA/QC Summary
ATC Lab Project No 98041781

lient ID SP-6
ample ID 98-07272

nalyte	Spike Added (ug/Kg)	Sample Conc (ug/Kg)	MS Conc (ug/Kg)	% Recovery	MSD Conc (ug/Kg)	% Recovery	%RPD	QC Limits RPD	QC Limits Recovery	Method	Run Date
,1-DCE	50	0	46.7	93				22	65-125	SW 8240A	4/17/98
'CE	50	0.31	47.8	95				24	75-111		
Benzene	50	0.42	49.2	98				21	73-124		
Toluene	50	1.0	52.3	103				21	73-130		
Chlorobenz	50	0.48	48.8	97				21	60-133		

QA/QC Summary
ATC Lab Project No. 98041781

Client ID
Sample ID MS/MSD

Analyte	Spike Added (mg/Kg)	Sample Conc (mg/Kg)	MS Conc (mg/Kg)	% Recovery	MSD Conc (mg/Kg)	% Recovery	%RPD	QC Limits RPD	QC Limits Recovery	Method	Run Date
Diesel	846	<QL	790	93	800	94	1	20	80-120	EPA 418.1	4/20/98

Chain of Custody

Serial No. 008323

Project Name: UST Closure Project No.: 14585.0001 Client: Beck Suppliers Lab No.:

Sampler: (Signature) Steve Compton Turnaround: (Circle One) 24 hours 48 hours 72 hours 1 week (Normal) Date Required: 4-21-98

Possible Hazard: Yes___ Unknown___ (Comment Below) Sample Disposal: Return to Client___ Disposal by Lab* X (*May be an additional Charge)

Special Instructions:

Compliance Samples: Yes___ No___ State:___

Client Sample I.D. No.	Lab I.D. No.	Date	Time	Water	Soil	Comp.	Grab	Preservatives: Filtered	Iced	Acidified	Preservative Confirmed	No. of Containers	BTEX 602/8020	BTEX 624/8240	VOC 624/8240	SVOC 625/8270	TPH Method 418.1	PNA 610/8310	Pb: Total or TCLP	RCRA 8 Metals	TCLP Metals	Bacterial	Asbestos	Remarks	Sample Location
-N		4-13-98	1705		X		X					2			X	X									
-6		4-13-98	1620		X		X					2			X	X									

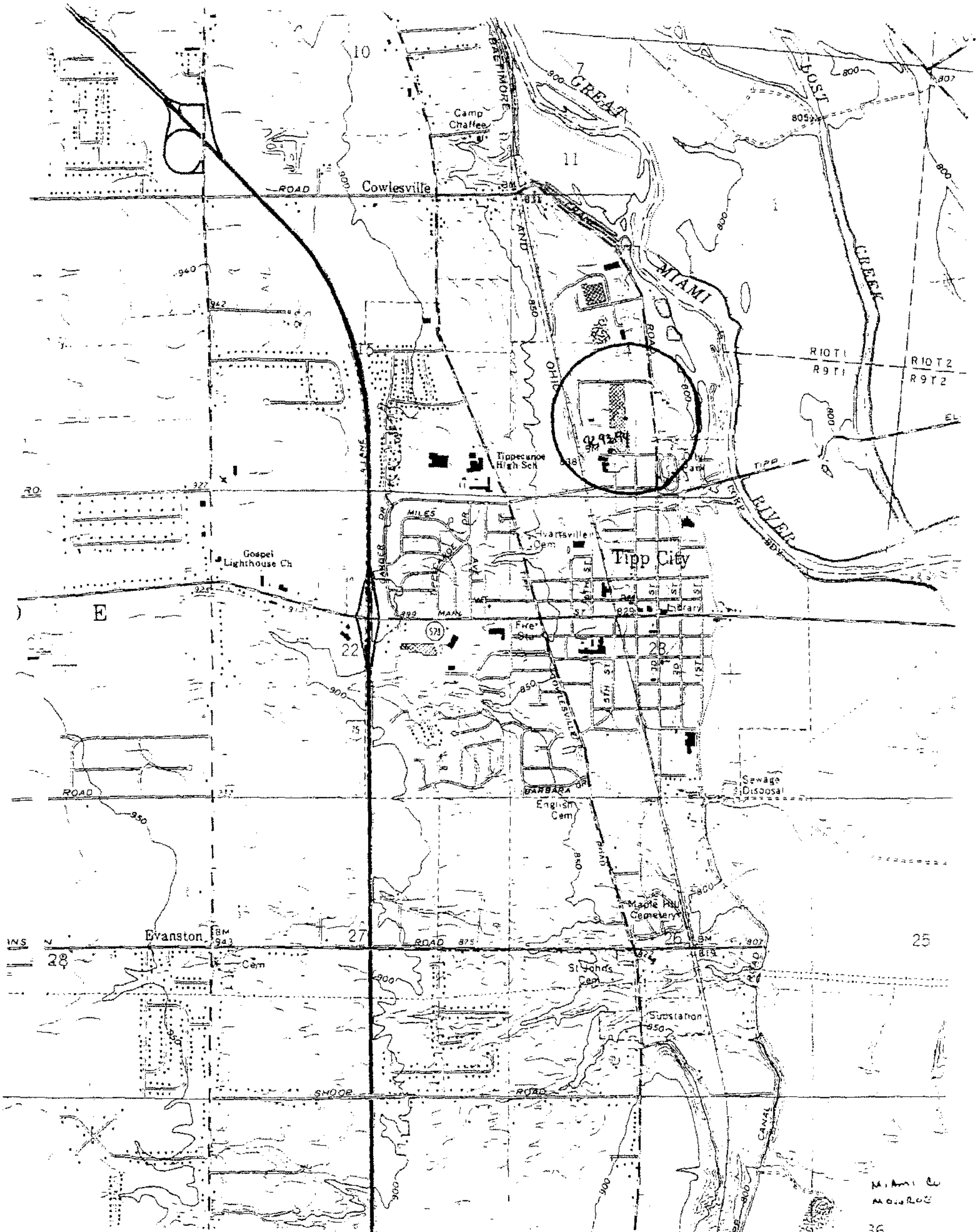
Cooler Temperature:
On Ice_____
Temperature_____

VATC ASSOCIATES INC.
ENVIRONMENTAL GEOTECHNICAL AND MATERIALS PROFESSIONALS
Analytical Services
5150 E. 65th Street
Indianapolis, IN 46220
(317) 849-4990 • FAX (317) 842-7932

Relinquished By: (Signature)	Date: 4-14-98	Time: 1430	Received By: (Signature) Date: Time:
Relinquished By: (Signature)	Date:	Time:	Received By: (Signature) Date: Time:
Relinquished By: (Signature)	Date:	Time:	Received By: (Signature) Date: Time:

Project Manager: (Signature)
Project Manager: (Print) Doug Flinn
Phone Number: 614 238 0484

The Laboratory must provide a copy of this Chain of Custody with results.



Camp Chaffee
Cowlesville
ROAD
BALTIMORE
GREAT
MIAMI
RIVER
LOST
CREEK
OHIO
AND
Tippecanoe High Sch
Tipp City
Library
Fire Sta
Hyattsville Cem
Gospel Lighthouse Ch
MAIN
MILES
BARBARA DR
English Cem
Sewage Disposal
Maple Hill Cemetery
Evanston
Cem
St Johns Cem
Substation
SHOOP
ROAD
CANAL
R10T1
R9T1
R10T2
R9T2
10
11
15
22
27
28
26
25
36
571
75
Miami Co
Monroe

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL OR TYPEWRITER DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

No 294165

County Williams Township Monroe Section of Township

Owner A. O. Smith Corp. Address Tiffin city ohio

Location of property 531 North Fourth St Tiffin city, Ohio

CONSTRUCTION DETAILS

Casing diameter 5 3/8 Length of casing 55'

Type of screen Slotted Length of screen 3'

Type of pump

Capacity of pump

Depth of pump setting

Date of completion 10-4-63

BAILING OR PUMPING TEST

Pumping Rate 5 G.P.M. Duration of test 2 hrs.

Drawdown 10' ft. Date 10-4-63

Static level-depth to water 8 ft.

Quality (clear, cloudy, taste, odor) clear

Pump installed by Thos Well Service

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
Clay	0 Feet	18 Ft.
Interbedded sand and Gravel at	18'	21'
Blue Shale	21'	100'
The water is coming from 18 to 21' - the water is being pumped back into the Well. This is for test purpose for water.		
There is 3 Wells	3' apart.	

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.

N.

Tiffin city ohio

W. E.

LOCATED

62

S.

See reverse side for instructions

Drilling Firm Ray Heckman

Address 634 East Evanston Ave. Tiffin City ohio

Date 10-9-63

Signed Ray Heckman

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL OR TYPEWRITER DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

No 294166

County Miami Township Monroe Section of Township

Owner A. D. Smith Corp Address Tipp City, Ohio

Location of property 531 South Fourth St Tipp City, Ohio

CONSTRUCTION DETAILS

Casing diameter 5 3/4 Length of casing 55'

Type of screen Slotted Length of screen 3'

Type of pump

Capacity of pump

Depth of pump setting

Date of completion 10-24-63

BAILING OR PUMPING TEST

Pumping Rate 5 G.P.M. Duration of test 2 hrs.

Drawdown 60' ft. Date 10-24-63

Static level-depth to water 8' ft.

Quality (clear, cloudy, taste, odor) Clear

Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
	0 Feet	12 Ft.
clay		
Small coarse Gravel and Sand at	15'	21'
Blue Shale	21'	100'
This well is the same as the first one		
This well is used for the same purpose		

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.

N.

W. Tipp City Ohio E.

S.

LOCATED 93

See reverse side for instructions

Drilling Firm Ray Hickman Date 10-24-63

Address 634 East Evanston Rd. Signed Ray Hickman

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER
DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus 12, Ohio

Nº 294167

County *Miami* Township *Monroe* Section of Township

Owner *A. O. Smith Corp* Address *Tipp City Ohio*

Location of property *831 North Fourth St Tipp City, Ohio*

CONSTRUCTION DETAILS	BAILING OR PUMPING TEST
Casing diameter *6"* Length of casing *55'*	Pumping Rate *5* G.P.M. Duration of test *2* hrs.
Type of screen *Slotted casing* Length of screen *3'*	Drawdown *150* ft. Date *11-20-63*
Type of pump	Static level-depth to water *8* ft.
Capacity of pump	Quality (clear, cloudy, taste, odor) *Clear*
Depth of pump setting	
Date of completion *11-20-63*	Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
clay	0 Feet	*18* Ft.
Small vein of sand and gravel at	*18'*	*21'*
blue shale	*21'*	*150'*
This well was used for the water purpose		

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.

N.

W. *Tipp City, Ohio* E.

LOCATED

94

S.

See reverse side for instructions

Drilling Firm *Ray Hickman* Date *11-22-63*

Address *637 East Evanston Rd. Tipp City, Ohio* Signed *Ray Hickman*

Site Feature Scoring System (SFSS) Checklist and Recommended Table of Contents

(Submit to SFM as appendix or addendum to site check or site assessment)

Date:	June 29, 1998	Facility	A. O. Smith Corporation
Owner/Operator*	A. O. Smith Corporation	Address	531 North Fourth Street
Address	531 N. Fourth Street		Tipp City, Ohio
	Tipp City, Ohio 46074	County	Miami
Phone #	(937) 667-2431	Incident #	N/A

Check Pg#

Each SFSS must include the following:

___ App E A. The completed SFSS table prepared for the site (see Attachment).

___ App E B. A report on the justification for each score for each site feature, which addresses:

___ App D 1. A survey of one-quarter mile radius around the site to determine distances to in-use potable-water supply sources (surface-water bodies, public-water supply wells, private-water wells) and including:

___ App D a. Copies of the well logs obtained from ODNR and/or the local health department,

___ App E b. Whether the site is located within a designated sensitive area as defined in 1301:7-9-09.

___ App E 2. Average depth to ground water determined from the ground surface to the shallowest zone of saturation, including:

___ App D a. Copies of information obtained to determine depth to ground water.

___ 5 3. Determination of the predominant soil type of the substratum where the release occurred, including:

___ 5 a. Documentation of the soil type encountered.

___ App E 4. Natural and/or man-made conduits or receptors, including:

___ App E a. A completed copy of the Site Feature 4 Worksheet.

___ Fig 2 b. Conduits indicated on a site map.

___ Tab 2 C. Soil and/or ground water sample results in table format, with actual contaminant levels stated (ND is not acceptable).

App = Appendix
Fig = Figure
Tab = Table

Preparer Name C. Steven Compton Preparer Signature _____ Date 06/29/98

Owner/Operator* Jeff Barth Owner/Operator* _____ Date 6-29-98
Name Signature

* circle whichever applies

Site Feature Scoring System

	Column A		Column B		Column C		Column D	
SITE FEATURES	Score 20 If True	Score	Score 15 if True	Score	Score 10 if True	Score	Score 5 if True	Score
1. Distance of UST system from closest drinking water supply, well or intake currently in use.	> 1000 Feet	20	301-1000 Feet		< 301 Feet		Inside of designated sensitive area	
2. Average depth to groundwater	> 50 Feet		31-50 Feet		15-30 Feet	10	< 15 Feet	
3. Predominant soil type of substratum	Clay or Shale	20	Silt or Clayey sands or fine sandstone		Silty sand or fine sand or sandstone or Unknown		Clean sand or gravel or conglomerate	
4. Natural and/or manmade conduits or receptors.	< 8	20	8-10		11-13		> 13	
Subtotal		60		0		10		0
							TOTAL	70

Site Feature Worksheet

Basements or subsurface foundations within one hundred feet of UST system	(4 points)	4
Storm sewer within fifty feet of UST system	(4 points)	0
Sanitary sewer within fifty feet of UST system	(4 points)	0
Septic system leach field within fifty feet of UST system	(2 points)	0
Water line main within fifty feet of UST system	(1 point)	0
Natural gas line main within fifty feet of UST system	(1 point)	0
Bedrock area prone to dissolution along joints of fractures within one hundred feet of UST system	(1 point)	0
Faults or known fractures within one hundred feet of UST system	(1 point)	0
Buried telephone/television cable main within fifty feet of UST system	(1 point)	0
Buried electrical cable main within fifty feet of UST system	(1 point)	0
	TOTAL	4

Action Level Table

(all concentrations in parts per million)

	CATEGORY 4	CATEGORY 3	CATEGORY 2	CATEGORY 1
TOTAL SCORE >	>71	70-51	50-31	<31
Constituents Level in Soil:				
Benzene	0.500	0.335	0.170	0.006
Toluene	12	9	7	4
Ethylbenzene	18	14	10	6
Total Xylenes	85	67	47	28
Constituents Level in Groundwater:				
Benzene	0.005	0.005	0.005	0.005
Toluene	1	1	1	1
Ethylbenzene	0.700	0.700	0.700	0.700
Total Xylenes	10	10	10	10
TPH Level in Soil:				
Analytical Group No. 1	600	450	300	105
Analytical Group Nos. 2, 3, and 4	1156	904	642	380

DETERMINATION OF SITE SPECIFIC ACTION LEVELS

Evaluation of site features was performed to determine site-specific action levels, in accordance with OAC 1301: 7-9-13. Each evaluation is presented in outline form below.

- The UST system is not located within 1,000 feet of the closest drinking water supply well or intake currently in use.

- Three ODNR well logs were listed within a quarter mile radius of the site (all three on site), however, according to A. O. Smith representative Jeff Barth these wells are no longer in use.

- Soils/substratum beneath the area of the site consist predominantly of silty clay (Page 5 of this report).

- Potential contaminant receptors (in accordance with the Site Feature Number 4 Worksheet as outlined in OAC 1301: 7-9-13) were identified based on site utility clearance from the Ohio Utilities Protection Service and associated field observations made during April, 1998.

Finding: The subject site meets criteria for "Category 3" site specific action levels.

SENSITIVE AREA DETERMINATION

Evaluations of each factor used to determine whether a site is located within a sensitive area (per OAC 1301: 7-9-9) are presented in outline form below.

The subject site is not located within a designated environmentally sensitive area as set forth in the Ohio Administrative Rule 1301: 7-9-9. The site is located in Township 4 N, Range 6 E in Miami County.

- ODNR records indicate that the subject site is not located within 1,000 feet of a private supply well or developed spring currently in use.
- The site is not located within 1,000 feet of a public water supply well.
- The site is not located within 1,000 feet of a public water supply surface water intake.
- The site is not located within 200 horizontal feet of a lake or reservoir which is a minimum of five acres in area.
- The site is not located within 100 horizontal feet of a sub-grade structure utilized for pedestrian traffic or a traffic tunnel.

Finding: The site is not located within a sensitive area as defined in OAC 1301: 7-9-9.

OJINOVICH
ANOR

STATE OF OHIO
DEPARTMENT OF COMMERCE
DIVISION OF STATE FIRE MARSHAL
8895 EAST MAIN STREET
REYNOLDSBURG, OHIO 43068
(614) 752-7126

DONNA OWENS
DIRECTOR

56.81

FLAMMABLE AND COMBUSTIBLE LIQUID TANK APPLICATION/PERMIT

OWNERSHIP OF TANKS			LOCATION OF TANKS		
OWNER/OPERATOR NAME A.O. Smith Corporation			FACILITY NAME Same		
ADDRESS 531 N Fourth Street			ADDRESS		
CITY Tipp City	STATE Ohio	ZIP CODE 45371	CITY	STATE	ZIP CODE
ATTN: (CONTACT PERSON) Jeff Barth	AREA CODE-PHONE 937/667-2431		AREA CODE-PHONE Same	COUNTY Miami	
CONTRACTOR INFORMATION			LOCAL FIRE DEPARTMENT INFORMATION		
CONTRACTOR'S NAME Clay Construction			FIRE DEPARTMENT NAME ~~Tipp City Fire Dept.~~		
CONTACT PERSON Robert Nicolls	AREA CODE-PHONE 419/426-3051		ADDRESS		
ADDRESS P.O. Box 581			CITY Tipp City	STATE Ohio	ZIP CODE 45371
CITY Attica	STATE Ohio	ZIP CODE 44807			

FEE CALCULATION (FEE IS NON-REFUNDABLE AND NON-TRANSFERRABLE)

____ ABOVEGROUND _x_ UNDERGROUND — 4,500 gallon ~~paint~~ coolant → Solvent.

TANK REMOVAL	x	$75.00 PER FACILITY	75.00
TANK INSTALLATION		$75.00 PER FACILITY	
PIPING INSTALL/MODIFY/REPLACE		$75.00 PER FACILITY	
		TOTAL DUE	$75.00

SIGNATURE OF APPLICANT: Edward J Wellman DATE: 3/27/98

BUREAU USE ONLY

DATE RECEIVED	3-10-98	PLANS SENT FOR REVIEW	3-19-98 PLANS NO.
FACILITY ID	62-55-0025	PLANS APPROVED BY	NA DATE
FEE AMOUNT	75.00	INSPECTOR NAME	Barry Maxwell
CHECK NO.	2146	INSPECTOR PHONE NO.	937-845-3989
SEQUENCE NO.		DATE SENT TO INSPECTOR	3-27-98
PERMIT NO.		DATE OF INSPECTION	
INSPECTOR SIGNATURE		DATE	
SUPERVISOR SIGNATURE		DATE	

Attachment B

LAIDLAW ENVIRONMENTAL SERVICES

Waste Treatment

February 16, 1996

A.O. Smith Corporation
531 N. Fourth Street
Tipp City, OH 45371

RE: OILS, COOLANTS, AND WATER

ATTN: Chris Fahy

Laidlaw Environmental Services (WT), Inc. has completed the requalification for waste code number STC 74-1036. We are pleased to submit this proposal for the treatment, disposal, and transportation of this waste.

Analytical procedures have been completed assuring all parties that your waste stream will be treated and disposed of in a manner conforming to all federal, state and local regulations. For the analytical services, there will be a billing of $390.00. The waste code number (74-1036) must appear on all manifests arriving at our Hilliard, Ohio facility.

In order to finalize this requalification, please find enclosed a Profile form to he completed and returned at your earliest convenience.

When scheduling, please contact Pat West (1-800-300-0717) at our office at least three (3) days in advance.

We look forward to continuing our relationship as a part of your environmental and waste management team. If you have any questions please contact our customer service department, or your area technical sales representative at your earliest convenience.

Sincerely,

LAIDLAW ENVIRONMENTAL SERVICES (WT), INC.

Karl G. Olson
Customer Service Manager

KGO/tda

Enclosures

pc: ✓ Dave Johnson

Laidlaw Environmental Services (WT), Inc.
4350 Edgewyn Ave., Hilliard, Ohio 43026.1221 Phone 614.876.1168 Fax 614.777.7570

CLEAN ENVIRONMENTAL SERVICES

Date: February 16, 1996
Approval No.: 74-1036

PRICE QUOTATION

ANNUAL RECERTIFICATION

TREATMENT AND DISPOSAL

Generator: A.O. Smith Corporation
531 N. Fourth Street
Tipp City, OH 45371

Waste Code No.: 74-1036

Waste Description: Oils, Coolants, and Water

Disposal Price: $0.28 per gallon

The quoted prices are valid for thirty (30) days from the date of this letter.

NOTE: Each load is subject to a $400 minimum charge.

Normal delivery - 6:30 a.m. to 9:00 p.m. Monday through Friday.

Saturday/Sunday delivery.....$50.00 per hour.

Other scheduling .....available upon request.

TRANSPORTATION

Transportation charges will be $445.00 per load.

The following are extra charges that might occur:

Demurrage.....per hour/$89.00

Extra Laborer.....per hour/$25.00

Premium Rates for Hauling
Sunday or Holidays.....Rate x 1.5

LAIDLAW ENVIRONMENTAL SERVICES

Waste Treatment

WASTE QUALIFICATION ANALYSIS

A.O. Smith Corporation
531 North Fourth Street
Tipp City, OH 45371

Attn: Christopher Fahy

TYPE OF WASTE: Underground Storage Tank

LAIDLAW LAB NO.: 01487

LAIDLAW CODE NO.: STC 74-1036

Tan oil and green-gray water with light turbidity and a stale odor.

Cadmium, Cd Total	<0.10	mg/l
Chromium, Cr Total	1.3	mg/l
Lead, Pb Total	1.9	mg/l
Copper, Cu Total	2.11	mg/l
Nickel, Ni Total	<1.0	mg/l
Zinc, Zn Total	17.6	mg/l
Iron, Fe Total	67.0	mg/l
Ammonia as NH3	<50	mg/l
Phenol	<10	mg/l
Nitrate as NO3	<2400	mg/l
Sulfate, SO4	<4300	mg/l
Cyanide, CN Total	<1	mg/l
pH	8.8	S.U.
Suspended Solids	11,700	mg/l
COD	79,100	mg/l
Chlorinated Solvents	Negative	

Released: 02/14/96

Released By: Ron Allerton

Ron Allerton, Ph.D.
Lab Services Manager

LAIDLAW ENVIRONMENTAL SERVICES

NAME OF WASTE STREAM: Oils / Coolants / Water

MATERIAL PROFILE NO.: 74-1036

☐ New ☐ Amendment

A. GENERATOR INFORMATION

Generator Name: A.O. Smith Electrical Prod
Facility Address: 521 North Fourth St
City/County: Tipp City
State: Ohio Zip Code: 45371
USEPA ID#:
State ID#:

Technical Contact: Jeffrey S Barth
Telephone (937) 667-2431 EXT. 2265
Fax (937) 667-5104
Billing Name: A.O. Smith Electrical Prod / Glen Lybarger
Billing Address: 521 North Fourth St
City: Tipp City State Ohio Zip Code 45371
Attention: Glen Lybarger
Telephone (937) 667-2431 EXT.

B. DOT

Shipping Name: Non-Hazardous liquid waste
Hazard Class: Non Haz
UN/NA No.: None Packing Group: None RQ: None

C. RCRA

RCRA Non Hazardous/Exempt? ☒ Yes ☐ No Process Generating:
State Waste Codes: EPA Waste Codes:

D. ANNUAL REPORT CODES

RCRA waste SQ Generator
SIC Code: 3621
Source Code: A
Form Code: B
Origin Code:
System Type: M

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☐	☒	<1
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Pyrophoric ☐ Cyanides ☐ Sulfides ☐ Water Reactive ☐ Shock Sensitive ☐ DOT Explosive ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☒ Free Liquids %
100%

Layers: Some insoluble trace o.l
☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☒ Low ☐ Medium ☐ High

Odor: ☐ None ☒ Mild ☐ Strong Describe: Stale

Color/Appearance:

Weight
Density 7.3 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 1-5% ☐ 5-20% ☐ 20-100%

pH ☐ N/A ☐ 0-2 ☒ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☐ >200°F (93°C)
☐ N/A

Boiling Point
☐ <95°F (35°C)
☐ >95°F (35°C)
☐ N/A

BTU/Lb.

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids	☐ >50, ≤200	☐ >200
Liquids	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☐ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☒	☐	
Chromium	5 mg/L	☒	☐	
Copper		☐	☐	3.1
Lead	5 mg/L	☒	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☒	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	0.6
Others				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Water	90 %
Coolants	5 %
Soaps + Cleaners	3 %
Trace Oils	2 %
	%
	%
	%
No major changes in products used	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☐	55 gl. drum	☒ 3000	Tanker*
☐	85 gl. drum	☐	Other

Per ☐ 1 Time ☒ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☐ No

only oil content

Generator's Certification:
I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Jeffrey S Barth Date 1-28-97

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Inv. #11081
OH D 0 0 4 2 3 5 7 0 1	A05518		

GENERATOR

3. Generator's Name and Mailing Address: A.O Smith Elec. Prod. Co. 531 N. Fourth St Tipp City, Ohio 45371

4. Generator's Phone (937) 667-2431

5. Transporter 1 Company Name: United Waste Water — 6. US EPA ID Number: OH0000107649

7. Transporter 2 Company Name — 8. US EPA ID Number:

9. Designated Facility Name and Site Address: United Waste Water, 11807 Reading Rd, Cincinnati, Ohio — 10. US EPA ID Number: OH0000107649

A. Transporter's Phone 1-800-458-4368

B. Transporter's Phone

C. Facility's Phone 1-800-458-4368

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Water/Oil/Coolant	001	TT	1567	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Profile # 1310

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Jeffrey S Barth — Signature: Jeffrey S Barth — Month 3 Day 31 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BRUCE D. TURGEON (A01) — Signature: Bruce D. Turgeon — Month 3 Day 31 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: STEPHEN GFELD — Signature: Stephen Gfeld — Month 3 Day 31 Year 98

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. OHD004235701 | Manifest Document No. 405517 | 2. Page 1 of 1 | Inv. #10806

3. Generator's Name and Mailing Address
A.O. Smith EPC
531 N Fourth St
Tipp City, Ohio 45371

4. Generator's Phone (937) 667-2431

5. Transporter 1 Company Name: United Waste Water | 6. US EPA ID Number

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address
United Waste Water
11807 Reading Rd
Cincinnati, Ohio

10. US EPA ID Number

A. Transporter's Phone
B. Transporter's Phone
C. Facility's Phone 513-733-4666

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Water/Oil/Coolant	001	TT	1371	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Profile #3110

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Jeffrey S Barth | Signature: Jeffrey S Barth | Month 10 Day 06 Year 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bruce D. Turgeon (201) | Signature: Bruce D Turgeon | Month 10 Day 06 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Stephen G Feld | Signature: Stephen G Feld | Month 10 Day 06 Year 98

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Ohio Department of Commerce

An Equal Opportunity Employer & Service Provider

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 East Main Street, P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

Donna Owens, Director

CHRISTOPHER FAHY
A. O. SMITH
531 NORTH FOURTH STREET
TIPP CITY OHIO 45371-1899

RE: Waste Fluids Tank

Dear Mr. Fahy:

The Bureau of Underground Storage Tank Regulations (BUSTR) is in receipt of your letter dated June 7, 1995. In this letter you have asked for an official statement from our agency pertaining to one waste fluids storage tank. Also, you have asked if there are any new upgrading requirements for new and current tanks.

Based on Ohio Administrative Code (OAC)1301:7-9-04(A)(1), any underground storage tank system (UST) holding hazardous wastes listed or identified under Chapter 3745-51 of the Ohio Administrative Code, or a mixture of hazardous waste and other regulated substances are exempt from this rule. This rule lists the requirements for registering regulated tanks.

The rule for design, construction, installation and upgrading is OAC 1301:7-9-06(A)(1). This rule states that any UST system holding hazardous wastes listed or identified under Chapter 3745-51 of the Ohio Administrative Code, or a mixture of such hazardous waste and other regulated substances are exempt from this rule.

After looking at all the BUSTR rules the following rule sections all state the same as above:

OAC 1301:7-9-10	Sensitive Areas Rule
OAC 1301:7-9-12	The Closure Rule
OAC 1301:7-9-13	Corrective Action Rule
OAC 1301:7-9-14	Inspections, Reporting and Recordkeeping Rule
OAC 1301:7-9-16	PCS Rule
OAC 1301:7-9-17	Sampling and Analysis Rule

It would be advised that you contact the Ohio Environmental Protection Agency for further information on the requirements for the upgrading, replacement and registration of your UST.

If you should have any further questions on this issue please contact me at (614) 752-7092.

Sincerely,

Kevin W. Hodnett, Supervisor
Corrective Actions

KH:jas

A.O. SMITH
ELECTRICAL PRODUCTS COMPANY
531 N. FOURTH STREET
TIPP CITY, OH 45371-1699
513-667-2431

June 7, 1995

Kelly Gill
State Fire Marshall (Buster) (614) 752-7938
8895 E. Main Street
P. O. Box 687
Reynoldsburg, OH 43068

Dear Kelly:

I am writing to you because I was told in your office that you are the best person around to address my problem. What I need is an official statement concerning an underground tank.

Our factory has one underground tank which is used for temporarily storing non-hazardous production waste fluids. These fluids are water soluble in nature and the concentrates are typically diluted to 2-5 percent with tap water. The liquids are held (usually about 10 days), awaiting treatment at the Laidlaw facility in Hilliard, Ohio.

The Plant Engineer, who has since retired, states that the tank has been registered with the Fire Marshall's office (actual copies of such correspondence have not yet been found in his old files). The Fire Marshall's office has been asked several times if our tank fits into any of the underground tank laws. The office has verbally stated with all such inquiries that our tank does not fit in and is not regulated under existing rules.

Even with this verbal decision by the Fire Marshall's office we have complied with most of the regulations to date ($1,000,000 insurance upon the tank, overfill alarms, etc.). We plan on conducting a tank tightness test this summer.

We will not be able to comply with the further tank upgrading (i.e., secondary containment) without major changes such as replacing the tank. Because of these impending charges, I need to know if such further upgrading is required.

To aid with your decision, I have included MSDS sheets on the major waste fluid components which are placed in the tank (these sheets will be of the concentrated, as received materials). Also contained is the analysis of the waste stream by Laidlaw and the TCLP of a combined sample of all waste streams which could possibly enter the tank.

Thank you very much for your time and assistance.

Sincerely,

A. O. SMITH ELECTRICAL
PRODUCTS COMPANY

Christopher Fahy
Supervisor of Laboratories and
Environmental Matters

CKF12/dg

TANK INFORMATION

A) A. O. Smith Electrical Products Co.
Tipp City, Ohio

B) Installation: 1981

C) Construction: Steel

D) Size: 4500 Gallon

E) Location: Outside East Wall of Building

F) Cathodic Protection: No

G) Overfill Alarm: Yes

H) Contents: The tank has always been used for temporarily holding waste water borne production fluids.

MSDS OF CONCENTRATED PRODUCTION FLUIDS

MSDS 75

#1/91

MADISON CHEMICAL COMPANY, INC.
P. O. Box 125, State Road 62, Madison, Indiana 47250

MATERIAL SAFETY DATA SHEET

SECTION I - GENERAL INFORMATION

TRADE NAME: DART 271-RP

A parts washing soap like material Diluted to 2-3% in tap water for use

EMERGENCY RESPONSE INFORMATION:

Company Offices:	812-273-6000	Weekdays
CHEMTREC:	800-424-9300	24 Hour Service
Steven T. Hale:	812-265-2703	Evenings and Weekends
David R. Goodman, Jr.:	812-273-6213	Evenings and Weekends

DATE PREPARED: 10-4-90 PREPARED BY: Marjorie Shepherd

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY (Common Name)	CAS NO.	% BY WEIGHT	OSHA PEL	ACGIH TLV	SEC. 313, SARA
Sodium nitrite	7632-00-0	10 maximum	N.E.*	N.E.*	No
Dipropylene glycol monomethyl ether - Skin	34590-94-8	5	100 ppm	100 ppm	No

*Manufacturer recommends 2 mg/M^3.

N.E. = None Established N.D. = Not Determined

SECTION III - PHYSICAL DATA

BOILING POINT (°F.):	215	SPECIFIC GRAVITY (WATER = 1):	1.12
VAPOR PRESSURE (mm Hg.):	N.D.	PERCENT VOLATILE BY VOLUME (%):	N.D.
VAPOR DENSITY (AIR=1):	N.D.	EVAPORATION RATE (Water =1):	1.0
SOLUBILITY IN WATER:	Complete	pH (100%):	9.2 - 9.4
APPEARANCE AND ODOR:	Straw-colored liquid with a mild odor.	(1% by volume):	8.5 - 8.7

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): None prior to boiling (TOC, ASTM D1310)

FLAMMABLE LIMITS - LEL: N.D. UEL: N.D.

EXTINGUISHING MEDIA: Water fog, dry chemical, carbon dioxide

SPECIAL FIRE HAZARD AND FIRE FIGHTING PROCEDURES: Use flooding amounts of water in early stages of fire or when fire is small. When large quantities of sodium nitrite are involved in fires, it may fuse or melt, in which condition, application of water may cause extensive scattering of molten material. Firefighters must be equipped with self-contained breathing apparatus and turnout gear. Sodium nitrite explodes when heated to 1000°F., or upon contact with cyanides. Sodium nitrite is an oxidizer and will support combustion.

SECTION V - FIRST AID AND HEALTH HAZARD DATA

EMERGENCY FIRST AID: EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse. INGESTION: Induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

SIGNS AND SYMPTOMS OF EXPOSURE: Contacted areas may exhibit irritation.

DART 271-RP contains sodium nitrite and ingestion of large amounts of sodium nitrite may cause nausea, vomiting, cyanosis (as a result of methemoglobin production), convulsions and coma. Chronic exposure to nitrites may cause headaches, visual problems and decreased blood pressure. Pregnant women may be especially sensitive to nitrite-generated methemoglobinemia.

Chronic overexposure to dipropylene glycol monomethyl ether has apparently been found to cause liver abnormalities and kidney damage in laboratory animals.

PRIMARY ROUTE(S) OF ENTRY: Eyes, skin, ingestion.

SECTION VI - REACTIVITY DATA

STABLE: Yes UNSTABLE: No CONDITIONS TO AVOID: Temperatures above 600°F.

INCOMPATIBILITY (Materials to Avoid):
Strong acids, strong oxidizing agents, reducing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon dioxide, carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain liquid spills with sand and absorb on soda ash. Dispose with solid wastes. See Waste Disposal Method.

WASTE DISPOSAL METHOD: Normal for nitrite-containing wastes. Dispose in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store away from strong acids, strong oxidizing agents, and reducing agents.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): Not needed for normal use.
VENTILATION: As necessary to avoid inhalation.
EYE AND FACE PROTECTION: Safety eyewear to protect against unexpected splashes.
PROTECTIVE GLOVES: Impermeable type
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As required to avoid contact. Eyewash facility and emergency shower should be in close proximity.

SECTION IX - PRECAUTIONARY LABELING

WARNING! May cause skin or eye irritation. May be harmful if swallowed.
Contains sodium nitrite and dipropylene glycol monomethyl ether.

FOR INDUSTRIAL USE ONLY - KEEP OUT OF THE REACH OF CHILDREN

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

MSDS 604

IDENTITY (As Used on Label and List) SCF 1490-67-67

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

IMPROVED 797 S MACHINING COOLANT DILUTED TO 5-6% @ TAP WATER

Manufacturer's Name: E. F. HOUGHTON & CO.	Emergency Telephone Number: 215-666-0291
Address (Number, Street, City, State, and ZIP Code): Madison & Van Buren Aves. Valley Forge, PA 19482	Telephone Number for Information: 215-666-4105
	Date Prepared: December 4, 1992
	Signature of Preparer (optional): Robert E. Williams

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Mineral Oil (CAS No. 64742-52-5)	5 mg/m^3	5 mg/m^3	STEL: 10 mg/m^3	1-10
	as oil mist			

Section III — Physical/Chemical Characteristics

Boiling Point	215°F	Specific Gravity (H_2O = 1)	1.02
Vapor Pressure (mm Hg.)	As water	Melting Point	N/A
Vapor Density (AIR = 1)	As water	Evaporation Rate (Butyl Acetate = 1)	As water

Solubility in Water: Complete

pH (5%) - 9.5

Appearance and Odor: Hazy, dark blue-green liquid; bland odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A (contains water)	Flammable Limits	LEL N/D / UEL N/D

Extinguishing Media: N/A

Special Fire Fighting Procedures: If water boils off, use carbon dioxide, foam, dry chemical.

Unusual Fire and Explosion Hazards: None

		X	

Incompatibility (*Materials to Avoid*) Strong oxidizers

Hazardous Decomposition or Byproducts Thermal; oxides of carbon and nitrogen

Hazardous Polymerization			
	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Possible Skin? Possible Ingestion? Unlikely

Health Hazards (*Acute and Chronic*)
Inhalation-Breathing mists may cause irritation of upper respiratory tract. Skin-Mild irritant on prolonged contact. Eye-Mild irritant. Ingestion-No significant effects known. Chronic Effects-Unknown.

Carcinogenicity: NTP? None IARC Monographs? None OSHA Regulated? None

Signs and Symptoms of Exposure See above Health Hazards.

Medical Conditions
Generally Aggravated by Exposure Persons with chronic respiratory disease may show increased symptoms due to irritation if misting occurs.

Emergency and First Aid Procedures
Inhalation-Remove to source of fresh air. Skin-Wash with soap and water. Eye-Flush with water 15 minutes; consult physician. Ingestion-Induce vomiting; consult physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled Dilute with water, neutralize to pH 7 with dilute acid and mop up thoroughly to avoid residual slipperiness.

WASTE DISPOSAL: Use deemulsification process to split product. Treat oily layer as waste oil. Neutralize aqueous layer and release to treatment plant in accordance with pertinent regulations.

Waste Disposal Method

Precautions to Be Taken in Handling and Storing Avoid contact with strong oxidizers.

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (*Specify Type*) Not required.

Ventilation		
	Local Exhaust: Preferred if misting occurs.	Special: N/A
	Mechanical (*General*): Adequate for general use.	Other: N/A

Protective Gloves: Rubber Eye Protection: Safety goggles

Other Protective Clothing or Equipment: Not required.

Work Hygienic Practices: Standard hygienic work practices are satisfactory.

* U.S.G.P.O: 1984-491-529/65775

MSDS 176

E.F. HOUGHTON & CO.
P.O. BOX 930 VALLEY FORGE, PA. 19482 * (215) 666-4105

MATERIAL SAFETY DATA SHEET REV DATE: 061192

014193 HOUGHTO-SAFE 419-R

****

MACHINE HYDRAULIC FLUID - USED AS RECEIVED

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: HOUGHTO-SAFE 419-R
PROPER SHIPPING NAME: HYDRAULIC SYSTEMS FLUID, OTHER THAN PETROLEUM

HAZARD CLASS: NON-HAZARDOUS
HAZARD ID NO: N/A
CHEMICAL FAMILY: MIXTURE

COMPLETED BY: ROBERT E. WILLIAMS
PHONE NUMBER: (215) 666-4105
24-HR EMERGENCY: (800) 424-9300

SECTION II - HAZARDOUS COMPONENTS

MATERIAL	CAS NO	% BY WT.	HAZARD
DIETHYLETHANOLAMINE	100-37-8	<1	TLV: 10 PPM (SKIN) PEL; 10 PPM (SKIN)

SECTION III - PHYSICAL DATA

BOIL. PT.(DEG F): 220
VAPOR PRESSURE (MM HG) LIKE WATER
VAPOR DENSITY (AIR = 1) LIKE WATER
PERCENT VOLATILE: 45
PH NEAT: 9.5 PH AT %:
APPEARANCE AND ODOR:
RED FLUID, SLIGHT ODOR OF AMINE

SPECIFIC GRAVITY: 1.08
EVAP RATE: LIKE WATER
SOL IN WATER: COMPLETE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, DEG. F (METHOD USED): NONE LEL: N/A UEL: N/A
HMIS AND NFPA HEALTH: 1 FIRE: 0 REACTIVITY: 0
EXTINGUISHING MEDIA:
N/A
SPECIAL FIRE FIGHTING INSTRUCTIONS:
PRODUCT IS A FIRE RESISTANT FLUID; NOT FLAMMABLE AS USED
UNUSUAL FIRE AND EXPLOSION HAZARDS:
IF WATER IS REMOVED, PRODUCT WILL BURN. CAN BE EXTINGUISHED WITH WATER, CARBON DIOXIDE, FOAM.

CONTINUED ON PAGE 2

SECTION V - HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE: SEE SECTION 2
PERMISSIBLE EXPOSURE LIMIT: SEE SECTION 2

ROUTES OF EXPOSURE
CHRONIC (RECURRENT) EFFECTS : UNKNOWN FOR THIS PRODUCT.

ACUTE EFFECTS :

INHALATION:
AVOID BREATHING PRODUCT MISTS. BREATHING MISTS MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT. PERSONS WITH CHRONIC RESPIRATORY DISEASE MAY SHOW INCREASED SYMPTOMS DUE TO IRRITATION

SKIN:
MILD IRRITANT

EYE:
MODERATE IRRITANT

INGESTION:
AVOID INGESTION. MAY CAUSE NAUSEA, DIZZINESS, DIARRHEA, VOMITING. REPEATED OVEREXPOSURE MAY LEAD TO LIVER AND KIDNEY DAMAGE.

********** FIRST AID **********

INHALATION:
REMOVE TO SOURCE OF FRESH AIR

SKIN:
WASH WITH SOAP AND WATER

EYE:
WASH WITH WATER 15 MINUTES; CONSULT PHYSICIAN

INGESTION:
INDUCE VOMITING. CONSULT PHYSICIAN

*** MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ***

SEE INHALATION EFFECTS ABOVE

SECTION VI - REACTIVITY DATA

STABILITY: STABLE: [X] UNSTABLE: [ ]
INCOMPATABILITY (MATERIALS TO AVOID):
STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL; OXIDES OF CARBON AND NITROGEN
HAZARDOUS POLYMERIZATION: MAY OCCUR: [ ] WILL NOT OCCUR: [X]

CONTINUED ON PAGE 3

SECTION VII - SPILL OR LEAK PROCEDURES

POTENTIAL AS A POLLUTANT:
MATERIAL IS NOT CONSIDERED A POLLUTANT IF EFFECTIVE WASTE DISPOSAL METHODS ARE UTILIZED.

SPILL, LEAK OR RELEASE:
FLUSH AREA WITH WATER FOR SMALL QUANTITIES; FOR LARGER QUANTITIES DIKE TO CONTAIN AND EITHER DISPOSE OF OR REUSE DEPENDING ON CONDITION.

WASTE DISPOSAL:
PROCESS THROUGH SEWAGE OR WASTE DISPOSAL SYSTEM WHICH PROVIDES BIOLOGICAL OXIDATION. (IF WATER CONTENT IS BELOW 35%, MATERIAL MAY BE BURNED WITH FUEL OIL.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:
REQUIRED ONLY IF TLV IS EXCEEDED

VENTILATION:
LOCAL EXHAUST IF MISTING; OTHERWISE GENERAL VENTILATION IS OK

PROTECTIVE GLOVES:
RUBBER IF SKIN IS SENSITIVE

EYE PROTECTION:
ANTI-SPLASH GOGGLES RECOMMENDED

OTHER PROTECTIVE EQUIPMENT:
NOT REQUIRED

SECTION IX - SPECIAL PRECAUTIONS

STORAGE AND HANDLING CONDITIONS:
AVOID STRONG OXIDIZERS
AVOID INGESTION

SECTION XI - ADDITIONAL PRODUCT INFORMATION

CARCINOGENS AS DEFINED BY - NTP: NONE IARC: NONE OSHA: NONE.

CERCLA REPORTABLE QUANTITY (LBS) :
NONE

RCRA HAZARDOUS WASTE NUMBER :
N/A

SARA TITLE III, SECTION 313
THIS PRODUCT CONTAINS NO TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

New Dec '94

Die Lubricant. Diluted to 1-2% @ Tap Water.

MSDS 722

CHEM-TREND INCORPORATED
MATERIAL SAFETY DATA SHEET
EMERGENCY TELEPHONE NO. 517-546-4520

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SAFETY-LUBE 2182
MANUFACTURER'S NAME: CHEM-TREND INCORPORATED
ADDRESS: 1445 W. MCPHERSON PARK DR. HOWELL, MI 48844-0860
CHEMICAL FAMILY: Oil-in-water emulsion

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CONC.	CAS NUMBER
1. LUBRICANT BLEND**	15-20%	***
2. WATER	BALANCE	7732-18-5

** Ingredients are nonhazardous (based on suppliers' MSDS forms) as compounded, when the product is used as directed.

*** Ingredients are registered in the TSCA Inventory.

3. HAZARDS IDENTIFICATION

LISTED CARCINOGENS(NTP,IARC OR OSHA): None

ROUTES OF EXPOSURE AND ACUTE EFFECTS:

Skin Contact: Concentrate may cause irritation, but is not corrosive. Dilutions may cause the skin to dry out.
Eye Contact: Concentrate may cause irritation, but is not corrosive. Dilutions may cause slight irritation.
Inhalation: Mists of the concentrate and dilutions may cause respiratory irritation.
Ingestion: No adverse effects expected. Do not ingest.

CHRONIC EFFECTS: A review of literature does not show obvious long-term hazard.

OTHER HAZARDS:
Not applicable

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Skin Contact: Wash with soap and water. Launder contacted clothing before reuse.
Eye Contact: Flush with water for at least 15 minutes. Contact a physician.
Inhalation: If irritation occurs, move to fresh air.
Ingestion: If product is swallowed, contact a physician.

NOTE: The same procedures should be followed for handling either the concentrate or the dilution.

5. FIRE FIGHTING MEASURES

FLASH POINT (deg.F): None
FLAMMABLE LIMITS IN AIR, % BY VOLUME: Not Applicable

EXTINGUISHING MEDIA: Fire and heat may drive off water leaving chemical ingredients which may burn.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus when fire fighting in a confined space.

UNUSUAL FIRE AND EXPOLOSION HAZARDS: None known

CONTAINER HANDLING: Do not cut or weld empty drums unless they are thoroughly cleaned.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small Spills: Soak up with absorbent material.
Large Spills: Dike area to prevent runoff, recover liquid, soak up remaining liquid with absorbent material.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep drums and containers of concentrate closed when not in use. Allow to warm to room temperature before dilution.

Do not add any other additive ingredients to the concentrate.

OTHER PRECAUTIONS: None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Good industrial hygiene practices recommended that engineering controls (such as local and/or mechanical ventilation) be used to reduce environmental concentrations to the permissible exposure level. Respirators may be used when engineering and work practice controls are not technically feasible, when such controls are in the process of being installed, or when they fail and need to be supplemented. If the use of a respirator is necessary use only a MSHA/NIOSH approved air supplied respirator or an air-purifying respirator.

PROTECTIVE GLOVES: Impervious gloves (such as rubber) when handling the product.

EYE PROTECTION: Safety glasses with side shields or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Appropriate clothing to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (deg.F) (Initial):	Approximately water
SPECIFIC GRAVITY:	0.99
VAPOR PRESSURE (mm Hg):	Approximately water
VAPOR DENSITY (air=1):	Approximately water
PERCENT VOLATILE BY WEIGHT:	80-85
EVAPORATION RATE (WATER=1)	- 1
SOLUBILITY IN WATER:	Miscible
pH:	Concentrate - 9.0-10.0 5% dilution 8.0-9.0
APPEARANCE AND ODOR:	White fluid; sweet odor

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Store away from strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbon decomposition products and formaldehyde at elevated temperatures.

HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None known

11. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

This product does not fall under current EPA RCRA definitions of hazardous waste.

12. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: NOT REGULATED
HAZARD CLASS:
HAZARD ID NUMBER:

13. REGULATORY INFORMATION

OCCUPATIONAL SAFETY And HEALTH ADMINISTRATION (OSHA)
29 CFR 1910.1200 Hazardous Chemical: No

SUPERFUND AMENDMENTS And REAUTHORIZATION ACT Of 1986 (SARA)
Section 302, Extremely Hazardous Substance: No
Section 311, Hazardous Chemical: No
Hazard categories: Fire - No, Reactivity - No
Sudden release of pressure - No, Immediate - No, Delayed - No

TOXIC SUBSTANCE CONTROL ACT (TSCA)
This product is a mixture and is not listed in the TSCA Inventory. The individual ingredients in the product are listed in the inventory.

CERCLA (Superfund) REPORTABLE QUANTITY: This product does not contain any CERCLA regulated materials.

Tipp 1990

MSDS 659

MADISON CHEMICAL COMPANY, INC.
P. O. Box 125, State Road 62, Madison, Indiana 47250

MATERIAL SAFETY DATA SHEET

SECTION I - GENERAL INFORMATION

TRADE NAME: COMPOUND P-520 DIE CLEANING SOAP LIKE MATERIAL. DILUTED TO 1-3% CONCENTRATION @ TAP WATER

EMERGENCY RESPONSE INFORMATION:

Company Offices:	812-273-6000	Weekdays
CHEMTREC:	800-424-9300	24 Hour Service
Steven T. Hale:	812-265-2703	Evenings and Weekends
David R. Goodman, Jr.:	812-273-6213	Evenings and Weekends

DATE PREPARED: 4-30-90 PREPARED BY: Marjorie Shepherd

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY (Common Name)	CAS NO.	% BY WEIGHT	OSHA PEL	ACGIH TLV	SEC. 313, SARA
Sodium dodecylbenzene sulfonate	25155-30-0	0.5 maximum	N.E.	N.E.	No

No ingredients have been listed as carcinogens.

N.E. = None Established N.D. = Not Determined

SECTION III - PHYSICAL DATA

BOILING POINT (°F.):	215	SPECIFIC GRAVITY (WATER = 1):	1.12
VAPOR PRESSURE (mm Hg.):	N.D.	PERCENT VOLATILE BY VOLUME (%):	N.D.
VAPOR DENSITY (AIR=1):	N.D.	EVAPORATION RATE (_____=1):	N.D.
SOLUBILITY IN WATER:	Complete	pH (100%):	7.9 - 8.1
APPEARANCE AND ODOR:	Light brown liquid with a mild odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): None prior to boiling (TOC, ASTM D1310)

FLAMMABLE LIMITS - LEL: N.D. UEL: N.D.

EXTINGUISHING MEDIA: As appropriate for surrounding fire.

SPECIAL FIRE HAZARD AND FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

SECTION V - FIRST AID AND HEALTH HAZARD DATA

EMERGENCY FIRST AID: EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse. INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician. INHALATION: Move subject to fresh air and get medical attention.

SIGNS AND SYMPTOMS OF EXPOSURE: Contacted areas may exhibit irritation. Overexposure may lead to dermatitis.

HEALTH HAZARDS: None known except irritation and dermatitis

PRIMARY ROUTE(S) OF ENTRY: Ingestion, eyes

TOXICOLOGICAL DATA: Not evaluated.

SECTION VI - REACTIVITY DATA

STABLE: Yes UNSTABLE: No CONDITIONS TO AVOID: No data found

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorus oxides, carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND DISPOSAL

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain liquid spills with sand and absorb on soda ash. Dispose with solid wastes. See Waste Disposal Method. Flush remainder to drain with water.

WASTE DISPOSAL METHOD: Normal for phosphate containing wastes. Dispose in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store away from oxidizers. Keep from freezing.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): Not needed for normal use.

VENTILATION: As necessary to avoid inhalation and contact
EYE AND FACE PROTECTION: Safety eyewear to protect against unexpected splashes.
PROTECTIVE GLOVES: Impermeable type
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As required to avoid contact. Eyewash facility and emergency shower should be in close proximity.

SECTION IX - PRECAUTIONARY LABELING

WARNING! May cause skin or eye irritation.
May be harmful if swallowed.
Contains sodium dodecylbenzene sulfonate.

FOR INDUSTRIAL USE ONLY - KEEP OUT OF THE REACH OF CHILDREN

L'AIDLAW (TSDF) AQNALYSIS OF TANK MATERIAL

LAIDLAW ENVIRONMENTAL SERVICES

Waste Treatment

WASTE QUALIFICATION ANALYSIS

A.O. Smith Corporation
531 N. Fourth St.
Tipp City, OH 45371

Attn: Christopher Fahy

TYPE OF WASTE: Underground Stor Tank -- M. Chem Microsol 265

LAIDLAW LAB NO.: 08823

LAIDLAW CODE NO.: STC 74-1036

Gray color with light turbidity and a sweet oil odor.

Cadmium, Cd Total	0.16	mg/l
Chromium, Cr Total	3.3	mg/l
Lead, Pb Total	<1.0	mg/l
Copper, Cu Total	4.42	mg/l
Nickel, Ni Total	1.1	mg/l
Zinc, Zn Total	76.4	mg/l
Iron, Fe Total	241	mg/l
Ammonia as NH3	<50	mg/l
Phenol	<5	mg/l
Nitrate as NO3	<2400	mg/l
Sulfate, SO4	<4200	mg/l
Cyanide, CN	<1	mg/l
pH	8.9	S.U.
Suspended Solids	38,600	mg/l
COD	147,000	mg/l
Chlorinated Solvents	Negative	

Released: 02/03/95

Released By: Ron Allerton

Ron Allerton, Ph.D.
Lab Services Manager

Laidlaw Environmental Services (WT), Inc.
4350 Edgewyn Ave., Hilliard, Ohio 43026.1221 Phone 614.876.1168 Fax 614.876.1495

LAIDLAW
ENVIRONMENTAL
SERVICES

Waste Treatment

May 22, 1995

THIS INFO WAS REQUESTED OF LAIDLAW. THESE TESTS ARE CONDUCTED AS PART OF THE RECTIFICATION BUT THE DATA TYPICALLY DOES NOT APPEAR ON THE ANALYSIS SHEET DISTRIBUTED TO THE CUSTOMER.

A.O. Smith
531 N. Fourth Street
Tipp City, OH 45371-1899

ATTN: Chris Fahy

Dear Mr. Chris:

Per your recent request we show the following data from 1990 thru 1995 regarding percent oil shown on annual recheck analysis:

1990	100% water	no oil noted.	
1991	98% water	2% oil	no solids noted
1992	98% water	2% solids	no oil noted
1993	98% water	2% solids	no oil noted
1994	100% water		no oil noted
1995	93% water	5% solids	2% oil

We look forward to continuing our relationship as a part of your environmental and waste management team. If you have any questions please contact our customer service department, or your area technical sales representative at your earliest convenience.

Sincerely,

LAIDLAW ENVIRONMENTAL SERVICES (WT), INC.

Karl G. Olson
Customer Service Manager

KGO/tda

pc: David Johnson
74-6680

TCLP ANALYSIS OF ALL PRODUCTION SOURCES

NATIONAL ENVIRONMENTAL TESTING, INC.

Dayton Division
3601 South Dixie Drive
Dayton, OH 45439
Tel: (513) 294-6856
Fax: (513) 294-7816

TCLP

ANALYTICAL REPORT

Chris Fahey
A. O. SMITH CORP.
531 N. 4th St.
Tipp City, OH 45371

03/16/1995

NET Job Number: 95.02468

Enclosed is the analytical report for the following sample(s) submitted to the Dayton Division of NET, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
281952	Production wastes	02/20/1995	02/28/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Jen Jahan
Project Coordinator

NATIONAL ENVIRONMENTAL TESTING, INC.

Dayton Division
3601 South Dixie Drive
Dayton, OH 45439
Tel: (513) 294-6856
Fax: (513) 294-7816

ANALYTICAL REPORT

Chris Fahey
A. O. SMITH CORP.
531 N. 4th St.
Tipp City, OH 45371

03/16/1995

JOB NUMBER: 95.02468

SAMPLE NO.: 281952

Sample Description: Production wastes

Date Taken: 02/20/1995

Date Received: 02/28/1995

Parameter	Result	Unit	Date Anal.	Analyst
TCLP - Arsenic	<0.50	mg/L	03/03/1995	deh
TCLP - Barium	0.34	mg/L	03/03/1995	deh
TCLP - Cadmium	<0.15	mg/L	03/03/1995	deh
TCLP - Chromium	<0.20	mg/L	03/03/1995	deh
TCLP - Lead	<0.40	mg/L	03/03/1995	deh
TCLP - Mercury	<0.0010	mg/L	03/08/1995	lgl
TCLP - Selenium	<0.50	mg/L	03/03/1995	deh
TCLP - Silver	<0.20	mg/L	03/03/1995	deh

NATIONAL ENVIRONMENTAL TESTING, INC.

Dayton Division
3601 South Dixie Drive
Dayton, OH 45439
Tel: (513) 294-6856
Fax: (513) 294-7816

ANALYTICAL REPORT

Chris Fahey
A. O. SMITH CORP.
531 N. 4th St.
Tipp City, OH 45371

03/16/1995

JOB NUMBER: 95.02468

SAMPLE NO.: 281952

Sample Description: Production wastes

Date Taken: 02/20/1995

Date Received: 02/28/1995

VOLATILES - TCLP

Parameter	Result	Unit	Date Anal.	Analyst
TCLP-Benzene	<30.0	ug/L	03/02/1995	ekh
TCLP-Carbon tetrachloride	<30.0	ug/L	03/02/1995	ekh
TCLP-Chlorobenzene	<30.0	ug/L	03/02/1995	ekh
TCLP-Chloroform	<30.0	ug/L	03/02/1995	ekh
TCLP-1,2-Dichloroethane	<30.0	ug/L	03/02/1995	ekh
TCLP-1,1-Dichloroethene	<30.0	ug/L	03/02/1995	ekh
TCLP-Methyl ethyl ketone (MEK)	<300	ug/L	03/02/1995	ekh
TCLP-Tetrachloroethene	<30.0	ug/L	03/02/1995	ekh
TCLP-Trichloroethene	<30.0	ug/L	03/02/1995	ekh
TCLP-Vinyl chloride	<150	ug/L	03/02/1995	ekh
Surrogate: d4-1,2-DCE	101	%	03/02/1995	ekh
Surrogate: d8-Toluene	107	%	03/02/1995	ekh
Surrogate: BFB	93	%	03/02/1995	ekh

Attachment D

MAIL TO: State Fire Marshal, UTN, 8895 E. Main St., Reynoldsburg, Ohio 43068

Notification for Underground Storage Tanks

Ohio Department of Commerce
State Fire Marshal
COM 5120
ID (state use only)

1. Name and address of the facility. (PRINT OR TYPE IN ALL SPACES)

A. O. SMITH CORP.
531 N. 4th STREET
(KILGORE BLVD)
TIPP CITY, OHIO 45371
MIAMI COUNTY

2. Business mailing address of facility, if different from location address.

3. Owner of tank *(name, business address, and phone number)*

SAME AS 1

513-667-2431

4. Contact person for the facility *(Name and phone number)*

JACK WHITMER

513-667-2431

5. Type of owner *(Mark "X" in appropriate box)*

☒ Private ☐ Government

6. Remarks

Complete the following section(s) to the best of your knowledge using the examples provided as guidance. Check appropriate boxes and fill in blanks where applicable. If you need more space, photocopy this page or use a continuation sheet. If you do not know the answer, enter "unknown."

(7H, 7I & 7J must be completed for tanks no longer in use.)

7. All tanks currently in use or that will be brought into use and all tanks no longer in use.

A. Tank No	B. Age (yrs.)	C. Total capacity (gal)	D. Material of construction: Steel	D: Fiberglass reinforced plastic	D: Other (specify)	E. Internal protection: Lined	E: Unlined	F. External protection: Coated	F: Wrapped	F: Cathodic protection	F: Other (specify)	G. Substance type: Gasoline	G: Diesel	G: Kerosene	G: Hazardous substance name	G: UN #	H. Date of last use: Month	H: Year	I. Estimated Quantity (gal)	J. X if tank is no longer in use
Example	5	10,000		X			X	X						X						
Example	8	8,000	X				X			X					Trichloroethylene	1710				
Example	26	8,000	X				X	X					X				6	75	120	X
1	5	4,000	X				X	X							WATER BASED					
2															MACHINING COOLANTS					
3																				
4																				
5																				
6																				
7																				

8. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

A. Name, SSN and Official Title of owner or owner's authorized representative (type or print)

JACK WHITMER PLANT ENGINEER
A. O. SMITH CORP - FED ID 39-0619790

B. Signature Jack Whitmer

C. Date signed 5-7-86

This information is required by Section 9002 of the Federal Resource Conservation and Recovery Act, as amended. (P.L.98-616)

Attachment C

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. OHD 004235701 | Manifest Document No. A05515 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
A.O Smith Elec. Prod. Co
531 N Fourth St
Tipp City, Ohio 45371

4. Generator's Phone (937) 667-2431

5. Transporter 1 Company Name: Laidlaw Env Services (TG) | 6. US EPA ID Number: SCD987574647

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address: Laidlaw Env. Services (WT)
3670 LaCon Rd
Hilliard, Ohio 43026 | 10. US EPA ID Number: OHD081290611

A. Transporter's Phone 614/876-1168
B. Transporter's Phone
C. Facility's Phone 614/876-1168

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. 01/ Coolant /Water	001	TT	03500	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Laidlaw Code 74-1036

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

FEB09'98 19.33

FEB09'98 17.36

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Jeffrey S Barth	Jeffrey S Barth	10	20	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Anthony J Cerri	Anthony J Cerri	10	20	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year
Ken Shafer 12783	Ken Shafer	10	20	98

ORIGINAL – RETURN TO GENERATOR